# abcam

### Product datasheet

## Recombinant Human ANKRA2 protein ab183225

#### 1 Image

Description

ECPSTYSLTGM PDIKIEHPLDPNSEEGSAQGVAMGMKFILPNRFI FVKSLNEEDS KNIQDQVNSDLEVASVLFKAECNIHTSPSPGIQV TTKHFSPIK QSTTLTNKHRGNEVSTTPLLANSLSVHQLAAQG RIEQENVINH TDEEGFTPLMWAAAHGQIAVVEFLLQNGADPQ SALSLACSKGY TDIVKMLLDCGVDVNEYDWNGGTPLLYAVHGNH LLESGADPTIE	Description		
Expression systemEscherichia coliExpression systemEscherichia coliAccessionQ9H9E1Protein lengthFul length proteinAnimal freeNoNatureRecombinantSepciesHumanSequenceMGSSHHHHHHHSSCLVPRGSHMGSMDTSTNLDI ECPSTYSLTGM PDIKIEHPLDPNSEEGSAQGVAMGMKFILPNRFG FVKSLNEEDS KNIQDQVNSDLEVASVLFKAECNIHTSPSPGIAG GSTTLTNKHRGNEVSTTPLLANSLSVHQLAAQG RIEGENVINH TDEEGFTPLMWAAAHGQIAVVEFLLQNGADPQ SALSLACSKGY TDVKMLLDCGVDVNEYDWNGGTPLLYAVHGA LLESGADPTIE TDSGYNSMDLAVALGYRSVQVIESHLLKLLONPredicted molecular weight37 kDa including tagsFanno acids1 to 313TagsHis tag N-Terminus	Product name	Recombinant Human ANKRA2 protein	
AccessionQ9H9E1Protein lengthFull length proteinAnimal freeNoNatureRecombinantSpeciesHumanSequenceHumanSequenceSequenceKinking Day SalasSequence<	Purity		conventional chromatography techniques.
Protein lengthFull length proteinAnimal freeNoNatureRecombinantSpeciesHumanSequenceMGSSHHHHHHSSGLVPRGSHMGSMDTSTNLD ECPSTYSLTGM PDIKIEHPLDPNSEEGSAQGVAMGMKFILPNRFG FVKSLNEEDS KNIQDQVNSDLEVASVLFKAECNIHTSPSPGIAG SALSLACSKGY TDVKMLLDCGVDVNEYDWNGGTPLLYAVHGAA BEGGADPTE TDGSYNSDLAVALGYRSVQQVIESHLLKLLONPredicted molecular weight37 kDa including tagsFrags16 313	Expression system	Escherichia coli	
Animal freeNoNatureRecombinantSpeciesHumanSequenceMGSSHHHHHHSSGLVPRGSHMGSMDTSTNLD ECPSTYSLTGM PDIKIEHPLDPNSEEGSAQGVAMGMKFILPNRFU FVKSLNEEDS KNIQDQVNSDLEVASVLFKAECNIHTSPSPGIQV TTKHFSPIK QSTTLTNKHRGNEVSTTPLLANSLSVHQLAAQG RIEQENVINH TDEEGFTPLMWAAAHGQIAVVEFLLQNGADPQ SALSLACSKGY TDIVKMLLDCGVDVNEYDWNGGTPLLYAVHGM LLESGADPTIE TDSGYNSMDLAVALGYRSVQQVIESHLLKLLQNPredicted molecular weight37 kDa including tagsFragsHis tag N-Terminus	Accession	<u>Q9H9E1</u>	
NatureRecombinantSpeciesHumanSequenceMGSSHHHHHHSSGLVPRGSHMGSMDTSTNLD ECPSTYSLTGM PDIKIEHPLDPNSEEGSAQGVAMGMKFILPNRP FVKSLNEEDS KNIQDQVNSDLEVASVLFKAECNIHTSPSPGIA GSTTLTNKIRGNEVSTTPLLANSLSVHQLAAQB RIEQENVINH TDEEGFTPLMWAAAHGQAVVEFLLQNGADPA SALSLACSKGY TDIVKMLLDCGVDNNEYDWNGGTPLLYAVHGAA LESGADPTIE TDSGYNSMDLAVALGYRSVQUIESHLLKLLQNPredicted molecular weight37 kDa including tagsAmino acids10 a 13TagsHis tag N-Terminus	Protein length	Full length protein	
SpeciesHumanSequenceMGSSHHHHHHSSGLVPRGSHMGSMDTSTNLD ECPSTYSLTGM PDIKIEHPLDPNSEEGSAQGVAMGMKFILPNRFG FVSSLNEEDS KNIQDQVNSDLEVASVLFKAECNIHTSPSPGIQA TTKHFSPIK QSTTLTNKHRGNEVSTTPLLANSLSVHQLAAQG REQENVINH TDEEGFTPLMWAAAHGQIAVVEFLLQNGADPQ SALSLACSKGYPredicted molecular weight37 kDa including tagsPredicted molecular weight10 313TagsHis tag N-Terminus	Animal free	No	
SequenceMGSSHHHHHHSSGLVPRGSHMGSMDTSTNLD ECPSTYSLTGM PDIKIEHPLDPNSEEGSAQGVAMGMKFILPNRFI FVKSLNEEDS KNIQDQVNSDLEVASVLFKAECNIHTSPSPGIQV TTKHFSPIK QSTTLTNKHRGNEVSTTPLLANSLSVHQLAAQG RIEQENVINH TDEEGFTPLMWAAAHGQIAVVEFLLQNGADPQ SALSLACSKGY TDIVKMLLDCGVDVNEYDWNGGTPLLYAVHGNF LLESGADPTIE TDSGYNSMDLAVALGYRSVQQVIESHLLKLLQNPredicted molecular weight37 kDa including tagsAmino acids1 to 313TagsHis tag N-Terminus	Nature	Recombinant	
ECPSTYSLTGM PDIKIEHPLDPNSEEGSAQGVAMGMKFILPNRFU FVKSLNEEDS KNIQDQVNSDLEVASVLFKAECNIHTSPSPGIQV TTKHFSPIK QSTTLTNKHRGNEVSTTPLLANSLSVHQLAAQG RIEQENVINH TDEEGFTPLMWAAAHGQIAVVEFLLQNGADPQ SALSLACSKGY TDIVKMLLDCGVDVNEYDWNGGTPLLYAVHGNH LLESGADPTIE TDSGYNSMDLAVALGYRSVQQVIESHLLKLLQNPredicted molecular weight37 kDa including tagsAmino acids1 to 313TagsHis tag N-Terminus	Species	Human	
Amino acids1 to 313TagsHis tag N-Terminus	Sequence		PDIKIEHPLDPNSEEGSAQGVAMGMKFILPNRFDMNVCSR FVKSLNEEDS KNIQDQVNSDLEVASVLFKAECNIHTSPSPGIQVRHVYTPS TTKHFSPIK QSTTLTNKHRGNEVSTTPLLANSLSVHQLAAQGEMLYLAT RIEQENVINH TDEEGFTPLMWAAAHGQIAVVEFLLQNGADPQLLGKGRE SALSLACSKGY TDIVKMLLDCGVDVNEYDWNGGTPLLYAVHGNHVKCVKM
Tags His tag N-Terminus	Predicted molecular weight	37 kDa including tags	
	Amino acids	1 to 313	
Additional sequence information NP_075526	Tags	His tag N-Terminus	
	Additional sequence information	NP_075526	

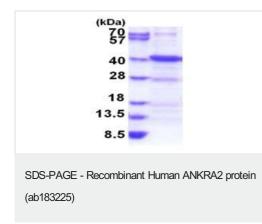
#### Specifications

Our Abpromise guarantee covers the use of ab183225 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

	Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid
Preparation and Storage	
Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
	pH: 8.00 Constituents: 0.32% Tris HCI, 0.58% Sodium chloride, 10% Glycerol (glycerin, glycerine), 0.02% DTT
General Info	
Function	May facilitate endocytosis by linking megalin to components of the cytoskeleton or endocytic machinery.
Sequence similarities	Contains 3 ANK repeats.
Cellular localization	Cytoplasm > cytoskeleton. Membrane.

Images



15% SDS-PAGE analysis of ab183225 (3 $\mu$ g).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

#### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <u>https://www.abcam.com/abpromise</u> or contact our technical team.

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