abcam

Product datasheet

Recombinant Human MRGX protein ab105615

1 Image

Description		
Product name	Recombinant Human MRGX protein	
Purity	> 85 % SDS-PAGE. Purified using conventional chromatography.	
Expression system	Escherichia coli	
Accession	<u>Q15014</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	RSKMRGASSG KK GRSAENPPSG SV TSEAPQPPRK KR VKVKIPEELK PWL AKKNVDAILE EYA EVVAGIKEYF NVM QVYGAPHLLR LFV	GQQSAEEEN FKKPTRSNMQ (TAGPQQKN LEPALPGRWG RKTRKNKQ KTPGNGDGGS ARADPTVE SEEAFKNRME .VEDWDLV TRQKQLFQLP NCKKSQG NVDNKEYAVN ILGTQLLY KFERPQYAEI LLAHPDAPMS /RIGAMLA YTPLDEKSLA LLLGYLHDFL SDYKVAS AEYHRKAL
Predicted molecular weight	34 kDa	
Amino acids	1 to 288	
Tags	His tag N-Terminus	

Specifications

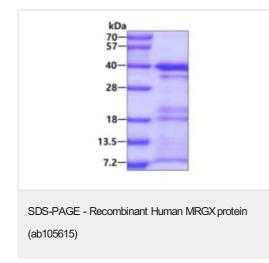
Our <u>Abpromise guarantee</u> covers the use of ab105615 in the following tested applications.

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

Applications	SDS-PAGE
	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 or - 80°C. Avoid freeze / thaw cycle.	
	pH: 8.00	
	Constituents: 0.0154% DTT, 0.316% Tris HCI, 20% Glycerol (glycerin, glycerine)	
General Info		
Function	Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. The NuA4 complex ATPase and helicase activities seem to be, at least in part, contributed by the association of RUVBL1 and RUVBL2 with EP400. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage. Also component of the MSIN3A complex which acts to repress transcription by deacetylation of nucleosomal histones.	
Sequence similarities	Belongs to the MRG family.	
Cellular localization	Nucleus.	

Images



3 ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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

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