

Product datasheet

Recombinant Human Rab3A protein ab109964

1 Image

Description	
Product name	Recombinant Human Rab3A protein
Purity	> 90 % SDS-PAGE. ab109964 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P20336</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMAS ATDSRYGQKESSDQ NFDYMFKILIIGN SSVGKTSFLFRYADDSFTPAFVSTVGIDFKVKTIYRNDKRIK LQWDTAG QERYRTITTAYRGAMGFILMYDITNEESFNAVQDWSTQIKT YSWDNAQV LLVGNKCDMEDERVVSSERGRQLADHLGFEFFFEASAKD NINVKQTFERLV DVICEKMSESLDTADPAVTGAKQGPQLSDQQVPPHQDC AC
Predicted molecular weight	27 kDa including tags
Amino acids	1 to 220
Tags	His tag N-Terminus

Specifications	
Our <u>Abpromise guarantee</u> covers the use of ab109964 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.058% Sodium chloride

General Info

Function

Involved in exocytosis by regulating a late step in synaptic vesicle fusion. Could play a role in neurotransmitter release by regulating membrane flow in the nerve terminal.

Tissue specificity

Specifically expressed in brain.

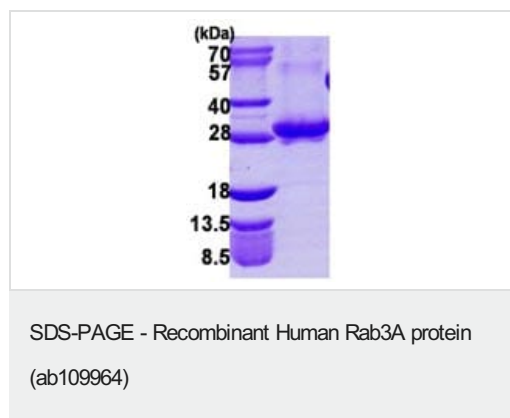
Sequence similarities

Belongs to the small GTPase superfamily. Rab family.

Cellular localization

Cell membrane.

Images



15% SDS-PAGE analysis of 3µg ab109964.

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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