abcam

Product datasheet

Recombinant Human Mint3 protein ab153767

Description

Product name	Recombinant Human Mint3 protein
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. Lyophilized from a 0.2 µM filtered solution.
Endotoxin level	< 1.000 Eu/µg
Expression system	Escherichia coli
Accession	O96018
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MDFPTISRSPSGPPAMDLEGPRDILVPSEDLTPDSQWDP MPGGPGSLSRM ELDESSLQELVQQFEALPGDLVGPSPGGAPCPLHIATGH GLASQEIADAH GLLSAEAGRDDLLGLLHCEECPPSQTGPEEPLEPAPRL
Predicted molecular weight	15 kDa
Amino acids	1 to 138
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab153767** 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 HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C.

	pH: 7.20 Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. For long term storage aliquot and store at < -20°C.

General Info

Function	May modulate processing of the beta-amyloid precursor protein (APP) and hence formation of beta-APP. May enhance the activity of HIF1A in macrophages by inhibiting the activity of HIF1AN.
Tissue specificity	Expressed in all tissues examined with lower levels in brain and testis.
Sequence similarities	Contains 2 PDZ (DHR) domains. Contains 1 PID domain.
Domain	Composed of an N-terminal domain, a middle phosphotyrosine-binding domain (PID/PTB) that mediates binding with the cytoplasmic domain of the beta-amyloid precursor protein, and two C-terminal PDZ domains thought to attach proteins to the plasma membrane.
Cellular localization	Cytoplasm > perinuclear region.

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