

Recombinant Human YKT6 protein ab172846

Description

Product name	Recombinant Human YKT6 protein
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. Supplied as a 0.2 µM filtered solution.
Endotoxin level	< 1.000 Eu/µg
Expression system	Escherichia coli
Accession	<u>O15498</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MKLYSLSVLYKGEAKVVLLKAAYDVSSFSFFQRSSVQEF MTFTSQLIVER SSKGTRASVKEQDYLCVYVRNDSLAGVVIADNEYPSRV AFTLLEKVLDE FSKQVDRIDWPVGSPATIHYPALDGHLSRYQNPREADPMT KVQAELDETK IILHNTMESLLERGEKLDLVSKEVLGTQSKAFYKTARKQ NSCCAIMLD LQSR
Predicted molecular weight	22 kDa
Amino acids	1 to 198
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab172846** in the following tested applications.

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

Applications	HPLC
	SDS-PAGE

Form	Liquid
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Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituent: 0.61% Tris 50mM
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General Info

Function	Vesicular soluble NSF attachment protein receptor (v-SNARE) mediating vesicle docking and fusion to a specific acceptor cellular compartment. Functions in endoplasmic reticulum to Golgi transport; as part of a SNARE complex composed of GOSR1, GOSR2 and STX5. Functions in early/recycling endosome to TGN transport; as part of a SNARE complex composed of BET1L, GOSR1 and STX5. Has a S-palmitoyl transferase activity.
Sequence similarities	Belongs to the synaptobrevin family. Contains 1 longin domain. Contains 1 v-SNARE coiled-coil homology domain.
Domain	The longin domain regulates palmitoylation and membrane targeting.
Post-translational modifications	Palmitoylated; catalyzes its own palmitoylation. Palmitoylation is required for Golgi targeting. Farnesylation is required for Golgi targeting.
Cellular localization	Cytoplasm > cytosol. Cytoplasmic vesicle membrane. Golgi apparatus membrane. Probably cycles through vesicles between Golgi and endosomes.

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

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