

Product datasheet

Recombinant Human TGN46 protein ab192297

Description

Product name	Recombinant Human TGN46 protein
Purity	> 95 % SDS-PAGE. Purity greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/μg
Expression system	HEK 293 cells
Accession	<u>O43493</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p> ATESVKQEEAGVRPSAGNVSTHPSLSQRPGGSTKSHPE PQTPKDSPSKSS AEAQTPEDTPNKSGAEAKTQKDSSNKSGAEAKTQKGST SKSGSEAQTTKD STSKSHPELQTPKDGSTGKSGAEQTPEDSPNRSGAEAKT QKDSPSKSGSE AQTTKDVPNKSGADGQTPKDGSSKSGAEDQTPKDVPNK SGAEKQTPKDGS NKSGAEEQGPIDGPSKSGAEEQTSKDSPNKVVPEQPSR KDHSKPISNPSD NKELPKADTNQLADKGKLSPHAFKTESGEETDLISPPQEE VKSSEPTEDV EPKEAEDDDTGPEEGSPPKEEKEKMSGASSENREGTL SDSTGSEKDDLY PNGSGNGSAEVDHHHHHH </p>
Predicted molecular weight	38 kDa including tags
Amino acids	22 to 381
Tags	His tag C-Terminus
Additional sequence information	Extracellular domain.

Specifications

Our **Abpromise guarantee** covers the use of **ab192297** 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. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
	pH: 7.40
	Constituents: 99% Phosphate Buffer, 0.87% Sodium chloride
	Lyophilized from a 0.2 µM filtered solution.

General Info

Function	May be involved in regulating membrane traffic to and from trans-Golgi network.
Tissue specificity	Isoform TGN46 is widely expressed. Isoform TGN51 is more abundant in fetal lung and kidney. Isoform TGN48 is barely expressed in embryonic kidney and promyelocytic cells.
Cellular localization	Cell membrane. Golgi apparatus > trans-Golgi network membrane. Primarily in trans-Golgi network. Cycles between the trans-Golgi network and the cell surface returning via endosomes.

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

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