

Recombinant Human TGOLN2/TGN38 Homolog Protein (His Tag)

Catalog No. PKSH033103

Note: Centrifuge before opening to ensure complete recovery of vial contents.

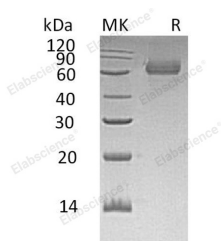
Description

Synonyms	Trans-Golgi network integral membrane protein 2;TGN38 homolog;TGN46;TGN48;Trans-Golgi network protein TGN51;TGOLN2;TGN46;TGN51
Species	Human
Expression Host	HEK293 Cells
Sequence	Ala22-Glu381
Accession	O43493-2
Calculated Molecular Weight	38.3 kDa
Observed molecular weight	60-90 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

For Research Use Only

This protein may be involved in regulating membrane traffic to and from trans-Golgi network. 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.