

Recombinant Full Length Human TGOLN2 Protein, Flag tagged

Cat. No. TGOLN2-09HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human trans-golgi network protein 2 (TGOLN2) with Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293T
ProteinLength	1-437 aa
Description	This gene encodes a type I integral membrane protein that is localized to the trans-Golgi network, a major sorting station for secretory and membrane proteins. The encoded protein cycles between early endosomes and the trans-Golgi network, and may play a role in exocytic vesicle formation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	45.7 kDa
AASequence	MRFVVALVLLNVAAAGAVPLLATESVKQEDAGVRPSAGNVSTHPSLSQRPGGSTKS HPEPQTPKDSKSSAEAQTPEDTPNKSGAEAKTQKDSSNKSGAEAKTQKGSTSK SGSEAQTTKDSTSKSHPELQTPKDSTGKSGAEAQTPEDSPNRSGAEAKTQKDSPS KSGSEAQTTKDVPNKSGADGQTPKDGSSKSGAEDQTPKDVPNKSGAEKQTPKDG SNKSGAEEQGPIDGPSKSGAEEQTSKDSPNKVVPEQPSRKDHSKPISNPSPDNKELP KADTNQLADKGKLSPHAFKTESGEETDLISPPQEEVKSSSEPTEDVEPKEAEDDDTGP

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EEGSPPKEEKEKMSGSSASSENREGT LSDSTGSEKDDLYPNGSGNGSAESSHFFAY
 LVTAAILVAVLYIAHHNKRKIIAFVLEGKRSKVTRRPKASDYQRLDQKSTRTRPLEQKL
 ISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Notes For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration >0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION

Gene Name TGOLN2 trans-golgi network protein 2 [Homo sapiens (human)]

Official Symbol TGOLN2

Synonyms TGOLN2; trans-golgi network protein 2; TGN38; TGN46; TGN48; TGN51; TTGN2; hTGN46; hTGN48; hTGN51; trans-Golgi network integral membrane protein 2; TGN38 homolog; trans-Golgi network glycoprotein 46; trans-Golgi network glycoprotein 48; trans-Golgi network glycoprotein 51; trans-Golgi network protein TGN51

Gene ID 10618

mRNA Refseq NM_006464

Protein Refseq NP_006455

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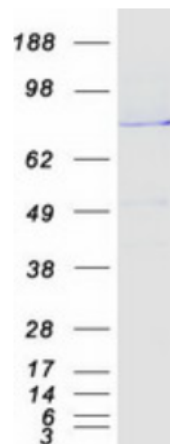
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MIM 603062

UniProt ID O43493

SDS-PAGE



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