

Recombinant Human TGOLN2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TGOLN2-5184H Lot. No. (See product label)

SPECIFICATION

Product Overview

TGOLN2 MS Standard C13 and N15-labeled recombinant protein (NP_006455) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

45.9 kDa

AA Sequence

MRFVVALVLLNVAAGAVPLLATESVKQEDAGVRPSAGNVSTHPSLSQRPGGSTKS
 HPEPQTPKDSPSKSSAEAQTPEDTPNKSGAEAKTQKDSSNKSGAEAKTQKGSTSK
 SGSEAQTTKDSTSKSHPQLQTPKDSTGKSGAEAQTPEDSPNRSGAEAKTQKDSPS
 KSGSEAQTTKDVPNKSGADGQTPKDGSSKSGAEDQTPKDVPNKSGAEKQTPKDG
 SNKSGAEQGPIDGPSKSGAEQTSKDSPNKVVPEQPSRKDHSKPISNPSDNKELP
 KADTNQLADKGLSPHAFKTESGEETDLISPPQEEVKSSEPTEDVEPKEAEDDDTGP
 EEGSPPKEEKEKMSGASSENREGTLDSTGSEKDDLYPNGSGNGSAESSHFFAY
 LVTAAILVAVLYIAHHNKRKIIAFVLEGKRKSKVTRRPKASDYQRLDQKSTRTRPLEQKL

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol TGOLN2

Synonyms TGOLN2; trans-golgi network protein 2; trans-Golgi network integral membrane protein 2; TGN38; TGN46; TGN48; TGN51; trans Golgi network protein (46; 48; 51kD isoforms); TTGN2; TGN38 homolog; trans-Golgi network protein TGN51; trans-Golgi network protein (46, 48, 51kD isoforms); MGC14722;

Gene ID 10618

mRNA Refseq NM_006464

Protein Refseq NP_006455

MIM 603062

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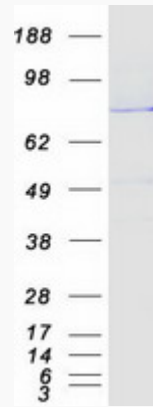
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UniProt ID

O43493

SDS-PAGE



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