

## Recombinant Human TGOLN2 Protein

Catalog #	Source	Reactivity	Applications
CRP2381	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human TGOLN2 Protein is produced by our mammalian expression system and the target gene encoding Ala22-Glu381 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
<b>Gene Symbol</b>	TGOLN2		
<b>Alternative Names</b>	TGN46; TGN51; Trans-Golgi network integral membrane protein 2; TGN38 homolog; TGN46; TGN48; Trans-Golgi network protein TGN51		
<b>Entrez Gene</b>	10618 (Human)		
<b>SwissProt</b>	O43493 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>ATESVKQEEA GVRPSAGNVV THPSLSQRPG GSTKSHPEPQ TPKDSPSKSS AEAQTPEDTP            NKSGAEAKTQ KDSSNKSGAE AKTQKGSTSK SGSEAQTTKD STKSHPELQ TPKDSTGKSG            AEAQTPEDSP NRSAGAEAKTQ KDSPSKSGSE AQTTKDVPNK SGADGQTPKD GSSKSGAEDQ            TPKDVPNKSG AEKQTPKDGS NKSGAEEQGP IDGPSKSGAE EQTSKDSPNK VVPEQPSRKD            HSKPISNPST NKELPKADTN QLADKGLKSP HAFKTESGEE TDLISPPQEE VKSSEPTEDV            EPKEAEDDDT GPEEGSPPE EKEKMSGAS SENREGTSLD STGSEKDDLY PNGSGNGSAE            VDHHHHHH</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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