



Recombinant Protein Technical Manual

Recombinant Human TGOLN2/TGN38 Homolog Protein (His Tag)
RPES0607

Product Data:

Product SKU: RPES0607

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: O43493

Protein Information:

Molecular Mass: 38.3 kDa

AP Molecular Mass: 68 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Trans-Golgi network integral membrane protein 2;TGN38 homolog; TGN46; TGN48; Trans-Golgi network protein TGN51;TGOLN2;TGN46; TGN51

Immunogen Information:

Sequence: Ala22-Glu381

Background:

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.