

PRODUCT INFORMATION

| | |
|---|--|
| Target | SLC44A4 |
| Synonyms | CTL4; NG22; TPPT; DFNA72; hTPPT1; C6orf29 |
| Description | Recombinant human SLC44A4 Protein with N-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q53GD3 |
| Expression Host | HEK293 |
| Tag | N-Human Fc tag |
| Molecular Characterization | hFc(Glu99-Ala330) SLC44A4(Gly59-Gln227) |
| Molecular Weight | The protein has a predicted molecular mass of 44.7 kDa after removal of the signal peptide. The apparent molecular mass of hFc-SLC44A4 is approximately 55-70 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. |
| Background | The protein encoded by this gene may be a sodium-dependent transmembrane transport protein involved in the uptake of choline by cholinergic neurons. Defects in this gene can cause sialidosis, a lysosomal storage disease. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2010] |
| Usage | Research use only |
| Conjugate | Unconjugated |



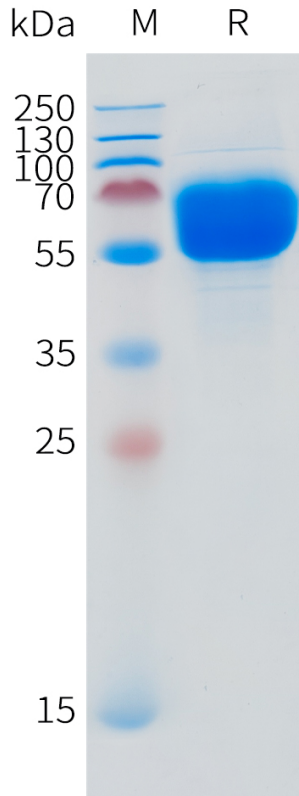


Figure 1. Human SLC44A4 Protein, hFc Tag on SDS-PAGE under reducing condition.

DIMABIO CONFIDENTIAL

