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.
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

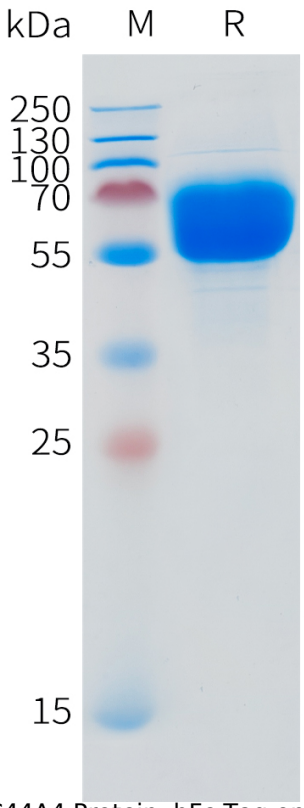

Figure 1. Human SLC44A4 Protein, hFc Tag on SDS-PAGE under reducing condition.