

Product datasheet for **TP317264M**

SLC44A4 (NM_025257) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human solute carrier family 44, member 4 (SLC44A4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217264 representing NM_025257 Red =Cloning site Green =Tags(s)

MGGKQRDEDDEAYGKPKVKYDPSFRGPIKNRSCTDVICCVLFLFILGYIVVGIVAWLYGDPRQVLYPRNS
TGAYCGMGENKDKPYLLYFNIFSCILSSNIISVAENGLQCPTPQVCVSSCPEDPWTVGKNEFSQTVGEVF
YTKNRNFCCLPGVPWNMTVITSLQQLCPSFLLPSAPALGRFCFPWTNTPPALPGITNDTTIQQGISGLID
SLNARDISVKIFEDFAQSWYWLVALGVALVLSLLFILLRLVAGPLVLVILGLVGLVAYGIYCWEEY
RVLRDKGASISQLGFTTNLSAYQSVQETWLAALIVLAVLEAILLMLIFLRQIRIAIALLKEASKAVGQ
MMSTMFYPLVTFVLLLICIAYWAMTALYLATSGQPQYVLWASNISSPGCEKVPINTSCNPTAHLVNSSCP
GLMCFVFGYSSKGLIQRSVFNLQIYGVGLFWTLNWWLALGQCVLAGAFASFYWAFHKPQDIPTFPLISA
FIRTLRYHTGSLAFGALILTLVQIARVILEYIDHKLGRVQNPVARCIMCCFKCLWCLEKFIKFLNRNAY
IMIAIYGKNFCVSAKNAFMLLMRNIVRVVLDKVTDLFFFGLLVGGVGVLSFFFFSGRIPGLGKDFK
SPHLNYYWLPIMTSILGAYVIASGFFSVFGMCDTLFLCFLEDLERNNGSLDRPYMYSKLLKILGKKNE
APPDNKKRKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

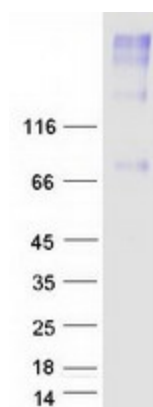
Tag:	C-Myc/DDK
Predicted MW:	79.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_079533
Locus ID:	80736
UniProt ID:	Q53GD3 , A0A140VJH4
RefSeq Size:	2643
Cytogenetics:	6p21.33
RefSeq ORF:	2130
Synonyms:	C6orf29; CTL4; DFNA72; hTPPT1; NG22; TPPT
Summary:	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]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified SLC44A4 protein (Cat# [TP317264]). The protein was produced from HEK293T cells transfected with SLC44A4 cDNA clone (Cat# [RC217264]) using MegaTran 2.0 (Cat# [TT210002]).