

## Product datasheet for TP317264L

### SLC44A4 (NM\_025257) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human solute carrier family 44, member 4 (SLC44A4), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217264 representing NM_025257 Red=Cloning site Green=Tags(s)

MGGKQRDEDDEAYGKPKVKYDPSFRGPIKNRSCTDVICCVLFLLFILGYIVVGIVAWLYGDPRQVLYPRNS  
TGAYCGMGENKDKPYLLYFNIFSCILSSNIISVAENGLQCPTPQVCVSSCPEDPWTVGKNEFSQTVGEVF  
YTKNRNFCLPGVPWNMTVITSLQQLCPSFLLPSAPALGRFCFPWTNTPPALPGITNDTTIQQGISGLID  
SLNARDISVKIFEDFAQSWYWILVALGVALVLSLLFILLRLVAGPLVLVILGLVGLVAYGIYCWEEY  
RVLRDKGASISQLGFTTNLSAYQSVQETWLAALIVLAVLEAILLMLIFLRQIRIAIALLKEASKAVGQ  
MMSTMFYPLVTFVLLLICIAYWAMTALYLATSGQPQYVLWASNISSPGCEKVPINTSCNPTAHLVNSSCP  
GLMCFVFGYSSKGLIQRSVFNLQIYGVLGFLFWTLNWWLALGQCVLAGAFASFYWAFHKPQDIPTFPLISA  
FIRTLRYHTGSLAFGALILTLVQIARVILEYIDHKLRGVQNPVARCIMCCFKCLWCLEKFIKFLNRNAY  
IMIAIYGKNFCVSAKNAFMLLMRNIVRVVLDKVTDLFFFGLLVVGGVGVLSFFFFSGRIPGLGKDFK  
SPHLNYYWLPIMTSILGAYVIASGFFSVFGMCDTLFLCFLEDLERNNGSLDRPYMYSKLLKILGKKNE  
APPDNKKRKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

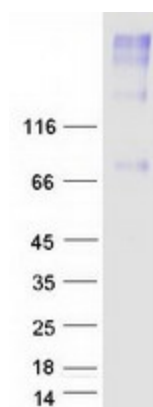
Tag:	C-Myc/DDK
Predicted MW:	79.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_079533</a>
<b>Locus ID:</b>	80736
<b>UniProt ID:</b>	<a href="#">Q53GD3</a> , <a href="#">A0A140VJH4</a>
<b>RefSeq Size:</b>	2643
<b>Cytogenetics:</b>	6p21.33
<b>RefSeq ORF:</b>	2130
<b>Synonyms:</b>	C6orf29; CTL4; DFNA72; hTPPT1; NG22; TPPT
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).