

Product datasheet for PH317264

SLC44A4 (NM_025257) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SLC44A4 MS Standard C13 and N15-labeled recombinant protein (NP_079533)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217264
Predicted MW:	79.3 kDa
Protein Sequence:	>RC217264 representing NM_025257 Red=Cloning site Green=Tags(s)
	<p>MGGKQRDEDEAYGKPKVKYDPSFRGPIKNRSDTVICCVLFLFLILGYIVVGIVAWLYGDPRQVLYPRNS TGAYCGMGENKDKPYLLYFNIFSCILSSNIISVAENGLQCPTPQVCVSSCPEDPWTVGKNEFSQTVGEVF YTKNRNFCPLPGVPWNMTVITSLQQELCPSFLLPSAPALGRCFPWNTVTPPALPGITNDTTIQQGISGLID SLNARDISVKIFEDFAQSWYWILVALGVALVLSLLFILLRLVAGPLVVLILGVLGVLAYGIYYCWEEY RVLRLDKGASISQLGFTTNLSAYQSVQETWLAALIVLAVLEAIIILLMLIFLRQIRIATAIALLKEASKAVGQ MMSTMFYPLVTFVLLIICIAWAMTALYLATSGQPQYVLWASNISSPGCEKVPINTSCNPTAHLVNSSCP GLMCFVQGYSSKGLIQRSVFNLQIYGVGLFWTLNWWLALGQCVLAGAFASFYWAFHKPQDIPTFPLISA FIRTLRYHTGSLAFGALILTLVQIARVILEYIDHKLRGVQNPVARCIMCCFKCCLWCLEKFIKFLNRNAY IMIAIYGKNFCVSAKNAFMLMRNIVRVVLDKVTDLLLFFGKLLVVGGVGLSFFFSGRIPGLGKDFK SPHLNYYWLPIMTSILGAYVIASGFFSVFGMCDTFLCFLLEDLERNNGSLDRPYMSKSLLIKILGKKNE APPDNKKRKK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_079533



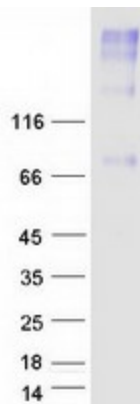
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RefSeq Size:	2643
RefSeq ORF:	2130
Synonyms:	C6orf29; CTL4; DFNA72; hTPPT1; NG22; TPPT
Locus ID:	80736
UniProt ID:	Q53GD3 , A0A140VJH4
Cytogenetics:	6p21.33

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]).