

Recombinant Human SLC44A4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SLC44A4-5146H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SLC44A4 MS Standard C13 and N15-labeled recombinant protein (NP_079533) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	79.3 kDa
AA Sequence	MGGKQRDEDEAYGKPVKYDPSFRGPIKNRSCTDVICCVLFLLFILGYIVVGIVAWLY GDPRQVLYPRNSTGAYCGMGENKDKPYLLYFNIFSCILSSNIISVAENGLQCPTPQV CVSSCPEDPWTVGKNEFSQTVGEVFYTKNRNFCPLPGVPWNMTVITSLQQELCPSFL LPSAPALGRCFPWTNVTTPALPGITNDTTIQQGISGLIDSLNARDISVKIFEDFAQSWY WILVALGVALVLSLLFILLRLVAGPLVLVLILGVLGVLAYGIYYCWEEYRVLDRDKGASI SQLGFTTNLSAYQSVQETWLAALIVLAVLEAILLLMLIFLRQRIRIAIALLKEASKAVGQ MMSTMFYPLVTFVLLLICIAYWAMTALYLATSGQPQYVLWASNISSPGCEKVPINTSC NPTAHLVNSSCPGLMCVFQGYSSKGLIQRSVFNLQIYGVGLFWTLNWWLALGQCV LAGAFASFYWAFHKPQDIPTFPLISAFIRTLRYHTGSLAFGALILTLVQIARVILEYIDHK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LRGVQNPVARCIMCCFKCCLWCLEKFIKFLNRNAYIMIAIYGKNFCVSAKNAFMLLMR
NIVRVVLDKVTDLLLFFGKLLVGGVGVLSFFFFSGRIPGLGKDFKSPHLNYYWLPI
MTSILGAYVIASGFFSVFGMCVDTLFLCFLEDLERNNGSLDRPYYSKSLKILGKKN
EAPPDNKKRKKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SLC44A4 solute carrier family 44 member 4 [Homo sapiens (human)]

Official Symbol SLC44A4

Synonyms SLC44A4; solute carrier family 44 member 4; CTL4; NG22; TPPT; DFNA72; hTPPT1; C6orf29; choline transporter-like protein 4; testicular tissue protein Li 48; thiamine pyrophosphate transporter 1

Gene ID 80736

mRNA Refseq NM_025257

Protein Refseq NP_079533

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

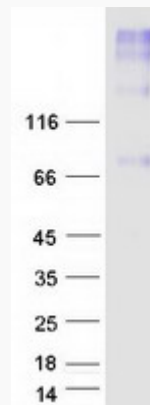
 45-1 Ramsey Road, Shirley, NY 11967, USA



MIM 606107

UniProt ID Q53GD3

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA