

Product datasheet for TP302547L

SLC7A4 (NM_004173) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human solute carrier family 7 (cationic amino acid transporter, y+ system), member 4 (SLC7A4), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202547 protein sequence Red=Cloning site Green=Tags(s)

MARGLPITASLARLCQKLNRLKPLEDSTMETSLRRCCLSTLDLTLGIVGGMVGSGLYVLTGAVAKEVAGPA
VLLSFGVAAVASLLAALCYAEFGARVPRTGSAYLFTYVSMGELWAFWLNVLLEYIIGGAAVARAWSGY
LDSMFSHSIRNFTETHVGSWQVPLLGHYPDFLAAGIILLASAFVSCGARVSSWLNHTFSAISLLVILFIV
ILGFILAQPHNWSADEGGFAPFGFSGVMAGTASCFYAFVGFDFVIAASSEEQAQNP RR SVPLAIAISLAIAA
GAYILVSTVLTLMVPWHSLDPDSALADAFYQ RGYRWAGFIVAAGSICAMNTVLLSLLFSLPRIVYAMAAD
GLFFQVFAHVHPRTQVPVAGTLAFGLLTAFLALLLDLESVQLVSLGTLAYTFVATSIIVLRFQKSSPP
SSPGPASPGLTKQSSFSDDLQVGTVHASVPEPGE LK PALR PYLGFLDGYSPGAWTWALGVM LASAI
TIGCVLVFGNSTLHLPHWGYILLLLLSVMFLLSLLVLGAHQQQYREDLFQIPMVPLIPALSIVLNICLM
LKLSYLTWVRF SIWLLMGLAVYFGYGIRH SKENQREL PGLNSTHYVFP RGSLEETVQAMQPPSQAPAQD
PGHME

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

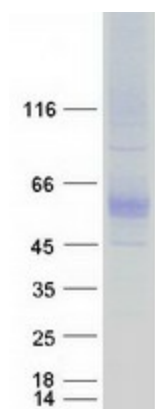
Tag:	C-Myc/DDK
Predicted MW:	68.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_004164
Locus ID:	6545
UniProt ID:	O43246
RefSeq Size:	2323
Cytogenetics:	22q11.21
RefSeq ORF:	1905
Synonyms:	CAT-4; CAT4; HCAT3; VH
Summary:	Involved in the transport of the cationic amino acids (arginine, lysine and ornithine). [UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified SLC7A4 protein (Cat# [TP302547]). The protein was produced from HEK293T cells transfected with SLC7A4 cDNA clone (Cat# [RC202547]) using MegaTran 2.0 (Cat# [TT210002]).