

Product datasheet for TP302547

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), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202547 protein sequence Red=Cloning site Green=Tags(s)

MARGLP TIASLARLCQKLNRLKPLEDSTMETSLRRLCLSTLDLTLG VGGMVGSGLYVLTGAVAKEVAGPA
VLLSFGVA AVASLLAALCYAEFGARVPRTGSAYLFTYVSMGELWAF LIGWNVLL EYIIGGA AVARAWSGY
LDSMFSHSIRNFTETHVGSWQVPLLGHYPDFLAAGIILLASAFVSCGARVSSWLNHTFSAISLLVILFIV
ILGFILAQP HNWSA DEGGFAPFGFSGVMAGTASCFYAFVGF DVIAASSEE AQNPRRSVPLAIAISLAIAA
GAYILVSTV LTMVPW HSLDPDSALADAFYQ RGYRWAGFIVAAGS ICAMNTVLLSLLFSLPRIVYAMAAD
GLFFQVFAHVHPRTQVPVAGTLAFGLLTAFLALLLDLES LVQFLSLG TLLAYTFVATSIIVLRFQKSSPP
SSPGPASP GPLTKQSSFS DHLQLVGTVHASVPEP GELKPALR PYLGLFDG YSPGAWT WALGVM LASAI
TIGCVLVFG NSTLHLP HWGYILL LLLTSVMFLLSLLVLGAHQ QYREDLFQIPMVPLIPALSIVLNICLM
LKLSYLTWV RFSIWLLMGLAVYFGY GIRH SKENQREL PGLNSTHYV FPRGSLEETVQAMQPPSQAPAQD
PGHME

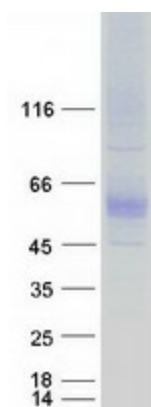
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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]).