

Recombinant Human SLC7A4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SLC7A4-6282H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SLC7A4 MS Standard C13 and N15-labeled recombinant protein (NP_004164) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Involved in the transport of the cationic amino acids (arginine, lysine and ornithine).
Molecular Mass	68.3 kDa
AA Sequence	MARGLPITIASLARLCQKLNRLKPLEDSTMETSLRRCLSTLDLTLLGVGGMVGSGLYV LTGAVAKEVAGPAVLLSFGVA AVASLLAALCYAEFGARVPRTGSAYLFTYVSMGEL WAFLIGWNVLLEYIIGGA AVARAWSGYLDSMFHSIRNFTETHVGSWQVPLLGHYP DFLAAGIILLASAFVSCGARVSSWLNHTFSAISLLVILFIVILGFILAQPHNWSAEGGF APFGFSGVMAGTASCFYAFVGFDVIAASSEE AQNPRRSVPLAIAISLAIAAGAYILVST VLTLMVPWHSLDPDSALADAFYQRGYRWAGFIVAAGSICAMNTVLLSLLFSLPRIVY AMAADGLFFQVFAHVHPRTQVPVAGTLAFGLLTAFLALLLDLESLVQFLSLGTLLAYT FVATSIIVLR FQKSSPPSSPGPASPGPLTKQSSFS DHLQLVGTVHASVPEPGELKP ALRPYLGFLDGYSPGAVVTWALGVMLASAITIGCVLVFGNSTLHLPHWGYILLLLLS VMFLLSLLVLGAHQQQYREDLFQIPMVPLIPALSIVLNICLMLKLSYLTWVRF SIWLLM GLAVYFGYGIRH SKENQREL PGLNSTHYVVFPRGSLEETVQAMQPPSQAPAQDPG HMETRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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.

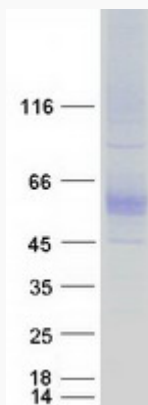
GENE INFORMATION

Gene Name	SLC7A4 solute carrier family 7 member 4 [Homo sapiens (human)]
Official Symbol	SLC7A4
Synonyms	SLC7A4; solute carrier family 7 (orphan transporter), member 4; solute carrier family 7 (cationic amino acid transporter, y+ system), member 4; cationic amino acid transporter 4; CAT 4; HCAT3; VH; VH 3 family; Ig heavy chain variable region; solute carrier family 7 member 4; CAT4; CAT-4; MGC129976; MGC129977;
Gene ID	6545
mRNA Refseq	NM_004173
Protein Refseq	NP_004164
MIM	603752
UniProt ID	O43246

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SDS-PAGE

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