

## Product datasheet for PH302547

### SLC7A4 (NM\_004173) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SLC7A4 MS Standard C13 and N15-labeled recombinant protein (NP_004164)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202547
Predicted MW:	68.3 kDa
Protein Sequence:	>RC202547 protein sequence Red=Cloning site Green=Tags(s)

MARGLPTIASLARLCQKLNRLKPLEDSTMETSLRRCLSTLDLTLGVGGMVGSGLYVLTGAVAKEVAGPA  
VLLSFGVAASVALLAALCYAEFGARVPRTSAYLFTYVSMGELWAFDIGWNVLLLEYIIGGAAVARAWSGY  
LDSMFHSHIRNFETHVGSWQVPLLGHYPDFLAAGIILLASAFVSCGARVSSWLNHTFSAISLLVILFIV  
ILGFILAQPHNWSADEGGFAPFGFSGVMAGTASCFYAFVGFVDVIAASSEEAQNPRRSVPLAIAISLAIAA  
GAYILVSTVLTLMVPWHSALDPDSALADAFYQGRYRAGFIVAAGSICAMNTVLLSLLFSLPRIVYAMAAD  
GLFFQVFAHVHPRTQVPVAGTLAFGLLTAFLALLLDLESLVQFLSLGTLTLLAYTFVATSIIIVLRFQKSSPP  
SSPGPASPGLTKQSSFSDDLQLVGTVHASVPEPGEKLPALRPYLGLDGYSPGAVVTWALGVMLASAI  
TIGCVLVFGNSTLHLPHWGYILLLLLSVMFLLSLLVLGAHQQQYREDLFQIPMVPLIPALSIVLNICLM  
LKLSYLTWVRFSIWLLMGLAVYFGYGRHSKENVQRELPLNSTHYVVFPRGSLEETVQAMQPPSQAPAQD  
PGHME

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

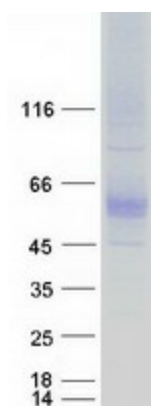
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_004164</a>
RefSeq Size:	2323



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RefSeq ORF:	1905
Synonyms:	CAT-4; CAT4; HCAT3; VH
Locus ID:	6545
UniProt ID:	<a href="#">O43246</a>
Cytogenetics:	22q11.21
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]).