

## Product datasheet for PH313722

### SLC39A7 (NM\_001077516) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SLC39A7 MS Standard C13 and N15-labeled recombinant protein (NP_001070984)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213722
Predicted MW:	50.1 kDa
Protein Sequence:	>RC213722 protein sequence Red=Cloning site Green=Tags(s)

MARGLGAPHWVAVGLL TWATLGLLVAGLGGHDDLHDDLQEDFHGHSRHSHEDFHHGSHAHGHGHTHES  
IWHGHTHDHDHGHSHEDLHHGSHGYSHESLYHRGHGDHEHSHGGYGESGAPGIKQDLDAVTLWAYALG  
ATVLISAAPFFVFLIPVESNSPRHRSLQILLSFASGGLLGDAFLHLIPHALEPHSHHTLEQPGHGSH  
SGQGPILSVGLWVLSGIVAFVVEKQFVRHVKGGHGHSHGHGHAHSHTRGSHGHRQERSTKEKQSSEEEE  
KETRGVQKRRGGSTVPKDGVPVPQNAEEEEKRLDLRVSGYLNLAADLAHNFTDGLAIGASFRGGRGLGIL  
TTMTVLLHEVPHEVGDFAILVQSGCSKKQAMRLQLLTAVGALAGTACALLTEGGAVGSEIAGGAGPGWVL  
PFTAGGF IYVATVSVLPELLREASPLQSLLEVLGLLGGVIMMVLIAHLE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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_001070984</a>
RefSeq Size:	2172
RefSeq ORF:	1407
Synonyms:	D6S115E; D6S2244E; H2-KE4; HKE4; KE4; RING5; ZIP7



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Locus ID: 7922

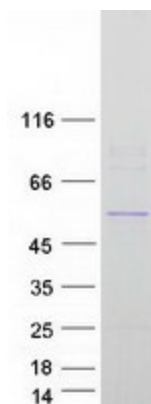
UniProt ID: [Q92504](#), [A0A024RCX7](#)

Cytogenetics: 6p21.32

**Summary:** The protein encoded by this gene transports zinc from the Golgi and endoplasmic reticulum to the cytoplasm. This transport may be important for activation of tyrosine kinases, some of which could be involved in cancer progression. Therefore, modulation of the encoded protein could be useful as a therapeutic agent against cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified SLC39A7 protein (Cat# [TP313722]). The protein was produced from HEK293T cells transfected with SLC39A7 cDNA clone (Cat# [RC213722]) using MegaTran 2.0 (Cat# [TT210002]).