

## Product datasheet for PH327524

### SLC30A7 (NM\_001144884) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SLC30A7 MS Standard C13 and N15-labeled recombinant protein (NP_001138356)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227524
Predicted MW:	41.4 kDa
Protein Sequence:	>RC227524 representing NM_001144884 Red=Cloning site Green=Tags(s)  MLPLSIKDDEYKPPKFNLFQKISGWFRSILSDKTSRNLFFFLCLNLSFAFVELLYGIWSNCLGLISDSFH MFFDSTAILAGLAASVISKWRDNDAFSYGYVRAEVLQAGFVNGFLIFTAFFIFSEGVERALAPDVHHER LLLVSILGFVVNLIGIFVFKHGGHSHGSHGSHSLFNGALDQAAGHVDHCHSHEVKHGAHSHDHAH GHGHFHSHDGPSLKETTGPSRQILQGVFLHILADTLGSIQVIASAIMMQNFGLMIADPICSILIAILIVV SVIPLLRESVGIQMRTPLLENSLPQCYQVRVQLQGVYSLQEQHFWTLCSDVYVGTLLKLIAPDADARW ILSQTHNIFTQAGVRQLYVQIDFAAM  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:	<u>NP_001138356</u>
RefSeq ORF:	1128
Synonyms:	ZnT-7; ZNT7; ZnTL2
Locus ID:	148867
UniProt ID:	<u>Q8NEW0</u>



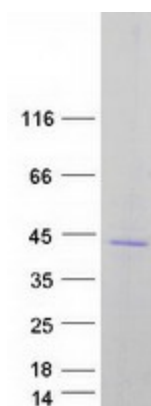
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Cytogenetics: 1p21.2

**Summary:** Zinc functions as a cofactor for numerous enzymes, nuclear factors, and hormones and as an intra- and intercellular signal ion. Members of the zinc transporter (ZNT)/SLC30 subfamily of the cation diffusion facilitator family, such as SLC30A7, permit cellular efflux of zinc (Seve et al., 2004 [PubMed 15154973]).[supplied by OMIM, Mar 2008]

Protein Families: Transmembrane

### Product images:



Coomassie blue staining of purified SLC30A7 protein (Cat# [TP327524]). The protein was produced from HEK293T cells transfected with SLC30A7 cDNA clone (Cat# [RC227524]) using MegaTran 2.0 (Cat# [TT210002]).