

Recombinant Human SLC30A7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SLC30A7-3991H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SLC30A7 MS Standard C13 and N15-labeled recombinant protein (NP_001138356) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	41.4 kDa
AA Sequence	MLPLSIKDDEYKPPKFNLFSGKISGWFRSILSDKTSRNLFFFLCLNLSFAFVELLYGIWS NCLGLISDSFHMFFDSTAILAGLAASVISKWRDNDAFSYGYVRAEVLAGFVNGFLFLIF TAFFIFSEGVERALAPPDVHHERLLLVSI LGFVVNLIGIFVFKHGGHGHSHGSGHGHGS HSLFNGALDQAHGHVDHCHSHEVKHGAASHDHAHGHGHFHSHDGP SLKETTGP SRQILQGVFLHILADTLGSIGVIASAIMMQNFGLMIADPICSILIAILIVSVIPLLRESVGI LMQRTPLLENSLPQCYQRVQQLQGVYSLQE QHFWTLCSDVYVGT LKLVAPDADA RWILSQTHNIFTQAGVRQLYVQIDFAAMTRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

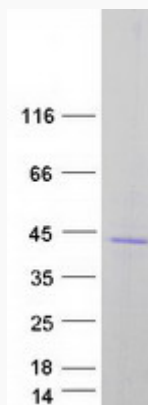
GENE INFORMATION

Gene Name	SLC30A7 solute carrier family 30 member 7 [Homo sapiens (human)]
Official Symbol	SLC30A7
Synonyms	SLC30A7; solute carrier family 30 (zinc transporter), member 7; zinc transporter 7; ZNT7; ZnTL2; zinc transporter ZnT-7; znt-like transporter 2; zinc transporter like 2; solute carrier family 30 member 7; ZnT-7; DKFZp686M0368;
Gene ID	148867
mRNA Refseq	NM_001144884
Protein Refseq	NP_001138356
MIM	611149
UniProt ID	Q8NEW0

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SDS-PAGE

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