

Product datasheet for **TP327524M**

SLC30A7 (NM_001144884) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human solute carrier family 30 (zinc transporter), member 7 (SLC30A7), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227524 representing NM_001144884 Red =Cloning site Green =Tags(s)

MLPLSIKDDEYKPPKFNLFKISGWFRSILSDKTSRNLFFFCLNLSFAFVELLYGIWSNCLGLISDSFH
MFFDSTAILAGLAASVISKWRDNDAFSYGYVRAEVLGAFVNGFLIFTAFFIFSEGERALAPPDVHHER
LLLVSILGFVNLIGIFVKHGGHGHSHGSGHGHSHSLFNGALDQAHGHVDHCHSHEVKHGAHSHDHAH
GHGHFHSHDGPSLKETTGPSRQILQGVFLHILADTLGSIGVIASAIMMQNFGLMIADPICSILIAILIV
SVIPLLRESVGLMQRTPLLENSLPQCYQRVQQLQGVYSLQEQHFWTLCSDVYVGTCLKLIVAPDADARW
ILSQTHNIFTQAGVRQLYVQIDFAAM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

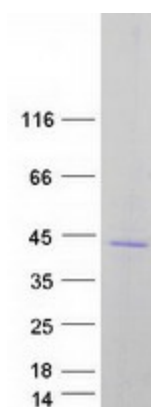
Tag:	C-Myc/DDK
Predicted MW:	41.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001138356</u>



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Locus ID:	148867
UniProt ID:	Q8NEW0
Cytogenetics:	1p21.2
RefSeq ORF:	1128
Synonyms:	ZnT-7; ZNT7; ZnTL2
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]).