

## Product datasheet for **TP505895**

### Slc30a7 (NM\_023214) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse solute carrier family 30 (zinc transporter), member 7 (Slc30a7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR205895 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MLPLSIKDDEYKPPKFNLFHGKISGWFRSILSDKTSRNLFFFLCLNLSFAFVELLYGIWSNCLGLISDSFH  
MFFDSTAILAGLAASVISKWRDNDAFSYGYVRAEVLGAFVNGFLIFTAFFIFSEGERALAPPDVHHER  
LLLVSILGFVNLVGFVFNHGGHGHSHGSGHGHSHSLFNGALDHSHGHDHCHSHEAKHGAAHSHDHDH  
AHGHGHLHSHDGPSPFKATAGPSRQILQGVFLHILADTLGSIGVIASAIMMQNFGMLIADPICSILIAILI  
VSVIPLLRESVGILMQRTPPSLENTLPQCYQRVQQLQGVYNLQEQHFWTLCSDVYVGTLLKLVAPDADA  
RWILSQTHNIFTQAGVRQLYVQIDFAAM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	41.8 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
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 after receiving vials.
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:	<a href="#">NP_075703</a>
Locus ID:	66500
UniProt ID:	<a href="#">Q9JKN1</a>



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RefSeq Size: 9020

Cytogenetics: 3 G1

RefSeq ORF: 1137

Synonyms: 1810059J10Rik; 2610034N15Rik; 4833428C12Rik; A1467242; ZnT-7; ZnT7; Znt12

**Summary:** Seems to facilitate zinc transport from the cytoplasm into the Golgi apparatus. Partly regulates cellular zinc homeostasis. Required with ZNT5 for the activation of zinc-requiring enzymes, alkaline phosphatases (ALPs). Transports zinc into the lumens of the Golgi apparatus and the vesicular compartments where ALPs locate, thus, converting apoALPs to holoALPs. Required with ZNT5 and ZNT6 for the activation of TNAP (By similarity).[UniProtKB/Swiss-Prot Function]