

Product datasheet for **TP508083**

Slc30a1 (NM_009579) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse solute carrier family 30 (zinc transporter), member 1 (Slc30a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208083 representing NM_009579 Red =Cloning site Green =Tags(s) MGCWGRNRGRLLCMLLLTFMFMVLEVVSRVTASLAMLSDSFHMLSVDLALVWALVAERFARRTHATQKN TFGWIRAEVMGALVNAIFLTGLCFAILLEAVERFIEPHEMQQLVWLVSVGAGLLVNLGLCLFHHSGE GQGAGHGHSHGHGHGLAKGARKAGRAGVEAGAPPGRAPDQEETNTLVANTSNSNLKADQAEPEKLRS DPVDVQVNGNLIQESDNLEAEDNRAGQLNMRGVFLHVLGDALGSVIVVVALVFYFNWKGCTEDDFCTNP CFDPCKSSVEIINSTQAPMRDAGPCWWLYLDPTLCIIMVCILLYTTYPLLKESALILLQTVPKQIDIKH LVKELRDVDGVVEVHELHVVQLAGSRIIATAHIKCEDPASYMQVAKTIKDVFNHNGIHATTIQPEFASVG SKSSVLPCELACRTQCALKQCCGTRPQVHSGKDAEKAPTVSISCLELSENLEKKARRTKAEGSLPAVVIE IKNVPNKQPESSL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	55.2 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:	<u>NP_033605</u>



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Locus ID: 22782

UniProt ID: [Q60738](#), [Q3UM63](#)

RefSeq Size: 5230

Cytogenetics: 1 97.01 cM

RefSeq ORF: 1509

Synonyms: A1839647; C130040111Rik; Znt1

Summary: May be involved in zinc transport out of the cell. Lethality of knockout early in gestation suggests a role of the protein in fetal zinc acquisition and retention.[UniProtKB/Swiss-Prot Function]