

Product datasheet for **TP508578**

Slc39a5 (NM_028092) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse solute carrier family 39 (metal ion transporter), member 5 (Slc39a5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208578 protein sequence Red =Cloning site Green =Tags(s)

MGPPVHLLTGLCVGVALGWGGSVSNLGPAEQEQNHILAQLFGLYGENTLTAGGLARLLHSLGLGRVQ
GLRLGHHEPPTGRAAPTSGDNFTHRLQPELSVDIWAGMPLGPGSWGDDQEEKAPDLHGSGPSSLDLFQR
LLLLDHSLADHLNEDCLNGSQLLVNFGLSVPAPLTPRQFALLCPALLYQIDSRVICIKTPAPAPPGDVLSA
LLHSGLAVLFLSLPAPLSLLLLRLLGPRLLRPVLGFLGALAVGTLCDGALLHLLPHAQGGRRHTGPSEQSE
EDLGPGLSVLGGLFLLFMLENTLGLVRHRGLRPRCCRNKRDLGEPNPDPEGSGMVLRLQAASEPEVQG
QRENQSSPSLAPPGHQGHSHHRGGSIAWMVLLGDCLHNLTDGLALGAAFSDFSSGLSTTLAVFCHL
PHELGFAMLLQEGLSFRKLLLLSLVSGALGLGGAALGVLSLGPVPLTPWVFGTTAGVFLYVALVDMPLP
TLLRPPEPLPVFHVLLQGLGLLGGSLMFTIALLEEQLVPTVPDG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	56.3 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:	NP_082368



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Locus ID: 72002

UniProt ID: [Q9D856](#)

RefSeq Size: 1906

Cytogenetics: 10 D3

RefSeq ORF: 1608

Synonyms: 1810013D05Rik; 2010205A06Rik; Zip5

Summary: May play a role in polarized cells by carrying out serosal-to-mucosal zinc transport. Plays a role in eye development. Could regulate the BMP/TGF-beta (bone morphogenetic protein/transforming growth factor-beta) signaling pathway and modulates extracellular matrix (ECM) proteins of the sclera (PubMed:24891338). Seems to play a central role in controlling organismal zinc status.[UniProtKB/Swiss-Prot Function]