

Recombinant Mouse Slc39a5 Protein, Myc/DDK-tagged

Cat. No. Slc39a5-5931M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length solute carrier family 39 (metal ion transporter), member 5 (Slc39a5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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. Seems to play a central role in controlling organismal zinc status.
Molecular Mass	56.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Slc39a5 solute carrier family 39 (metal ion transporter), member 5 [Mus musculus (house mouse)]

Official Symbol Slc39a5

Synonyms SLC39A5; solute carrier family 39 (metal ion transporter), member 5; zinc transporter ZIP5; ZIP-5; zrt- and Irt-like protein 5; solute carrier family 39 member 5; Zip5; 1810013D05Rik; 2010205A06Rik

Gene ID 72002

mRNA Refseq NM_028092

Protein Refseq NP_082368

UniProt ID Q9D856

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