

Recombinant Full Length Mouse Zinc Transporter Zip5(Slc39A5) Protein, His-Tagged

Cat. No. RFL19670MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Zinc transporter ZIP5(Slc39a5) Protein (Q9D856) (20-535aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length of Mature Protein (20-535)
Form	Lyophilized powder
AA Sequence	WVGGSVPNLGPAEQEQNHLYLAQLFGLYGENGTLTAGGLARLLHSLGLGRVQGLRL GHHEP PTGRAAPTSGDNFTHRLQEPELSVDIWAGMPLGPSWGDQEESKAPDLH GSGPSSLDLFQ RLLLDHSLADHLNEDCLNGSQLLVNFGLSPVAPLTPRQFALLCPA LLYQIDSRVCIKTP APAPPGDVLSALLHSGLAFLSLPAPLSLLLLRLLGPRLLRPVL GFLGALAVGTLCGDA LLHLLPHAQGGRRHTGPSEQSEEDLGPGLSVLGGLFLLFMLE NTGLVLRHRGLRPRCCRNK RDLGEPNPDPEGSGMVLRLPLQAASEPEVQGQREN RQSSPSLAPPGHQGHSHHRGGSIA WMVLLGDCLHNLTDGLALGAASFSDGFSSGL STTLAVFCHELPHELGDFAMLLQEGLSFRK LLLSLVSGALGLGGAALGVGLSLGPV PLTPWVFGTTAGVFLYVALVDMLPTLLRPPEPL PVFHVLLQGLGLLLGGSLMFTIAL EEQLVPTVPDG
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Slc39a5
Synonyms	Slc39a5; Zip5; Zinc transporter ZIP5; Solute carrier family 39 member 5; Zrt- and Irt-like protein 5; ZIP-5
UniProt ID	Q9D856

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