Recombinant Full Length Mouse Zinc Transporter Zip14(Slc39A14) Protein, His-Tagged

Cat. No. RFL4495MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Zinc transporter ZIP14(Slc39a14) Protein (Q75N73) (29-489aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length of Mature Protein (29-489)
Form	Lyophilized powder
AA Sequence	SSAGLPPLSATSFLEDLMDRYGKNDSLTLTQLKSLLDHLHVGVGRDNVSQPKEGPR NLST CFSSGDLFAAHNLSERSQIGASEFQEFCPTILQQLDSQACTSENQKSEENEQ TEEGKPSA IEVWGYGFLCVTVISLCSLMGASVVPFMKKTFYKRLLLYFIALAIGTLYS NALFQLIPEA FGFNPQDNYVSKSAVVFGGFYLFFFTEKILKMLLKQKNEHHHGHNHF TSETLPSKKDQEE GVTEKLQNGDLDHMIPQHCNSELDGKAPGTDEKVIVNSMSVQ DLQASQSACYWLKGVRYS DIGTLAWMITLSDGLHNFIDGLAIGASFTVSVFQGISTS VAILCEEFPHELGDFVILLNA GMSIQQALFFNFLSACCCYLGLAFGILAGSHFSANWIF ALAGGMFLYIALADMFPEMNEV CQEDEKNDSFLVPFVIQNLGLLTGFSIMLVLTMYS GQIQIG
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Slc39a14
Synonyms	Slc39a14; Fad123; Kiaa0062; Zip14; Metal cation symporter ZIP14; Factor for adipocyte differentiation 123; FAD-123; Solute carrier family 39 member 14; Zrt- and Irt-like protein 14; ZIP-14
UniProt ID	Q75N73

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