

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

Cat. No. RFL15879HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Zinc transporter ZIP5(SLC39A5) Protein (Q6ZMH5) (21-540aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (21-540)
Form	Lyophilized powder
AA Sequence	WVGGSVPNLGP AEQEQNH YLAQLFGLYGENGT LTAGGLARLLHSLGLGRVQGLRL GQHGP LTGRAASPAADNSTHRPQNPELSVDVWAGMPLGPSWGDLEESKAPHLP RGPAPSGDLL HRLLLLDHSLADHLNEDCLNGSQLLVNFGLS PAAPLTPRQFALLCP ALLYQIDSRVCIGA PAPAPGDLLSALLQSALAVLLLSLPSPLSLLLRLGPRLLRPL LGFLGALAVGTLCGD ALLHLLPHAQEGRHAGPGGLPEKDLGPGLSVLGGLFLLFVL ENMLGLLRHRGLRPRCCRR KRRNLETRNLDPENSGMALQPLQAAPEPGAQGGQR EKNSQHPPALAPPGHQGHSHGHQGG TDITWMVLLGDGLHNLT DGLAIGAAFS DGF SSGLSTTLAVFCHELPHELGD FAMLLQSGL SFRRLLLLSLVSGALGLGGAVLGVGLS LGPVPLTPWVFGVTAGVFLYVALVDMLPALLRP PEPLTPHVLLQGLGLLLGGGLML AITLLEERLLPVTTEG
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	Q6ZMH5

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