

Recombinant Full Length Rat Zinc Transporter Zip6(Slc39A6) Protein, His-Tagged

Cat. No. RFL30875RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Zinc transporter ZIP6(Slc39a6) Protein (Q4V887) (21-741aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (21-741)
Form	Lyophilized powder
AA Sequence	LHELQSTAAFSQTTEKINSNWESGINVDVAVTMQRHHLQQLFYRYGENDSLVEGF RKLL QNIGIDKIKRVHIIHDDHERHSDHERHSDHERHSHRGHAAAGKNSRKAFCPDL DSDNSGKN PNTSQGKGSRPAEHVNGRRNGKESASSSEVTSVYNTVSEGTHTFLET IETPKPGRRTKDI NPSTPPSITEKSRVGRLSRLARRKGNDVSEPRKSFMYSTRSND NIQECFNATKLLTSHG MSVQALLNATEFNLYLCPAIIQNIDARSCLIHASEKKAEIPPK TYSLQIAWLGGFIAISI ISFLSLLGVILVPLMNRVFFKFLLSFLVALAVGTLSGDALLHLL PHSHASHHHSHSHEEP AMEMKRGPLFSHLAQNLEESSYFDSTWKGLTALGGLYF MFLVEHVLTLIKQFKDKKKKN QKKPENDEDEVESKKQLSKYESQLSTNEEKVDTGER PESYLQADSQEPSPFDSQQPTLLEE EEVMIAHAHPQEVYNEYVPRGCKNKCHSHF HDTLGQSDDLIHHHHHDYHHILHHHHHHQNH PHSHSQRYRSREELKDAGIATLAWMVI MGDGLHNFSDGLAIGAAFTGLSSGLSTSVAVFC HELPHELGDFAVLLKAGMTVKQ AVLYNALSAMLAYLGMATGIFIGHYAENVSMWIFALTA GLFMYVALVDMVPEMLHN

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	DASDHGCSRWGYFFLQNAGILLGFGIMLLISIFEHKIVFRIN F
Purity	Greater than 90% as determined by SDS-PAGE.
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	Slc39a6
Synonyms	Slc39a6; Zip6; Zinc transporter ZIP6; Solute carrier family 39 member 6; Zrt- and Irt-like protein 6; ZIP-6
UniProt ID	Q4V887

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