Recombinant Full Length Bovine Zinc Transporter Zip4(Slc39A4) Protein, His-Tagged

Cat. No. RFL31845BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bovine Zinc transporter ZIP4(SLC39A4) Protein (Q1KZG0) (27-653aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bovine
Source	E.coli
ProteinLength	Full Length of Mature Protein (27-653)
Form	Lyophilized powder
AA Sequence	RPVHLLTLLSSGQGALDRVALGGLLNTLAARVHCADGPCGKCLSVDDALALGRPEQ PGAP SGQVLEPRHIARLSAAAALYLSDPAGTCAEVRAGRWAARADQLLVLLESSQA LSVALTRL LQQIQARAAGQPTSQQACVDLPQLLGEAAGIGAPGSPGPVLAALLGHV WSGACFHALPTP QYFVDFVFRQHSSENPNITLDELAALMERLGLGGATEPHDSHSD DSPLGKGQGPVPLAAP NSSASAWDTLCLSAQDIMAVYGMSEQAGVTPDDWARLS PALLQQQLSGACSPQPTLPTQD QLSQAERYLYGSLATLLICLCSLLGLLLLSCASCS TTSHYIIQAFLSMAVGALTGDALLH LMPKVLGLHTHDGEDHGFQPTWHLLAVLGGLY AFFLFERLFNLLLPLDPEDPKDGACSHG HSHGGHSHGVSLQLAPSDFRQPKQLHE GSRADLVAEESPELLSPEPRRRSPGLRLLPYVI TLGDAVHNFADGLAVGAAFLSSW KTGLATSLAVFCHEVPHELGDFAALLHAGLSVRRALL LNVASALTAFIGLYVALAAGV GEDGETWILAVAAGLFLYVALCDMLPAMLNVRDRRPWLL FLLHNVGLLGGWTVLLL LSLYEDNIAF

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

GENE INFORMATION

Gene Name	SLC39A4
Synonyms	SLC39A4; ZIP4; Zinc transporter ZIP4; Solute carrier family 39 member 4; Zrt- and Irt-like protein 4; ZIP-4
UniProt ID	Q1KZG0

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