

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 SGQVLEPRHIA RL SAAAA LYLS DPAGTCAEV RAGRWAARADQLLVLLESSQA LSVALTRL LQQIQARAAGQPTSQQACVDLPQLLGEAAGIGAPGSPGPVLAALLGHV WSGACFHALPTP QYFVDFVFRQHSS ENPNITLDELAALMERLGLGGATEPHDSHSD DSPLGKGQGPVPLAAP NSSASAWDTLCLSAQDIMAVYGMSEQAGVTPDDWARLS PALLQQQLSGACSPQPTLPTQD QLSQAERYLYGSLATLLICLCSLLGLLLLSCASCS TTSHYIIQAFLSMAVGALTGDALLH LMPKVGLH LTHDGEDHGFQPTWHLLAVLGGLY AFFL FERLFNLLLPLDPEDPKDGACSHG HSHGGHSHGVSLQLAPSDFRQPKQLHE GSRADLVAEESPELLSPEPRRRSPGLRLLPYVI TLGDAVHN FADGLAVGAAFLSSW KTGLATSLAVFCHEVPHELGDFAALLHAGLSVRRALL LNVASALTAFIGLYVALAAGV GEDGETWILAVAAGLFLYVALCDMLPAMLNVRDRRPWLL FLLHNVGLLGGWTVLLL LSLYEDNIAF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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