Zinc Transport Protein Zntb (zntB) Escherichia Fergusonii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Zinc transport protein ZntB (zntB), Recombinant Protein
Full Product Name	Recombinant Escherichia fergusonii Zinc transport protein ZntB (zntB)
Product Gene Name	zntB recombinant protein
Product Synonym Gene Name	zntB
Product Synonym Names	Recombinant Zinc transport protein ZntB (zntB); Zinc transport protein ZntB
Sequence	MEAIKGADVN VPDAVFAWIL DRNGGVKPLT DNDVIDSEHP CWLHLNYTHP ESAQWLATTP LLPNNVRDAL AGESTRPRVN RMGEGTLITL RCINGSTDER PDQLVAMRVY MDERLIVSTR QRKVLALDDV VSDLEEGTGP EDCGGWLVDV CDALTDHASE FIEQLHDKII DLEDNLLDQQ IPPRGFLALL RKQLIVMRRY MAPQRDVYAR LSSERLPWMN DDQRRRMQDI ADRLGRGLDE IDACIARTGV MADEIAQVMQ ENLARRTYTM SLMAMVFLPS TFLTGLFGVN LGGIPGGGWR FGFSLFCILL VVLIGGVALW LHRSKWL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	36,813 Da
Sequence Positions	1-327
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
Chromosome Location	NC_011740.1 (1675726..1676709, complement)
3D Structure	ModBase 3D Structure for B7LRV3
Species	Escherichia fergusonii (strain 35469 / DSM 13698 / CDC 0568-73)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for zntB recombinant protein	MBS1075615 is a recombinant protein targeting zntB. Also known as Recombinant Escherichia fergusonii Zinc transport protein ZntB (zntB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of zntB recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for zntB. It may not necessarily be applicable to this product.

NCBI GI #	218548981
NCBI GeneID	7123690
NCBI Accession #	YP_002382772.1

UniProt Primary Accession #	B7LRV3
UniProt Related Accession #	B7LRV3
GenBank Nucleotide #	NC_011740.1
NCBI Official Full Name	zinc transporter
NCBI Official Symbol	zntB
UniProt Protein Name	Zinc transport protein ZntB
Protein Family	Protein
UniProt Gene Name	zntB
UniProt Entry Name	ZNTB_ESCF3
NCBI Protein Information	zinc transporter
UniProt Comments for zntB	Function: Mediates efflux of zinc ions By similarity. HAMAP-Rule MF_01565 Subcellular location: Cell inner membrane; Multi-pass membrane protein By similarity HAMAP-Rule MF_01565. Sequence similarities: Belongs to the CorA metal ion transporter (MIT) (TC 1.A.35) family. [View classification]
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