Protein Archease (ZBTB8OS) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein archease (ZBTB8OS), Recombinant Protein
Full Product Name	Recombinant Human Protein archease (ZBTB8OS)
Product Gene Name	ZBTB8OS recombinant protein
Product Synonym Gene Name	ZBTB8OS
Sequence	AQEEEDVRDY NLTEEQKAIK AKYPPVNRKY EYLDHTADVQ LHAWGDTLEE AFEQCAMAMF GYMTDTGTVE PLQTVEVETQ GDDLQSLLFH FLDEWLYKFS ADEFFIPREV KVLSIDQRNF KLRSIGWGEE FSLSKHPQGT EVKAITYSAM QVYNEENPEV FVIIDI
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 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	15,709 Da
Sequence Positions	2-167, Full length protein
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.
3D Structure	ModBase 3D Structure for Q8IWT0
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ZBTB8OS recombinant protein	MBS1420608 is a recombinant protein targeting ZBTB8OS. Also known as Recombinant Human Protein archease (ZBTB8OS). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ZBTB8OS 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 ZBTB8OS. It may not necessarily be applicable to this product.

NCBI GI #	815890897
NCBI GeneID	339487
NCBI Accession #	NP_001295065.1
UniProt Primary Accession #	Q8IWT0
UniProt Secondary Accession #	Q5TGK5; Q6PDA1; Q8IWS9; Q8NEV6; Q8NEV7

UniProt Related Accession #	Q8IWT0
GenBank Nucleotide #	NM_001308136.1
NCBI Official Full Name	protein archease isoform 3
NCBI Official Synonym Full Names	zinc finger and BTB domain containing 8 opposite strand
NCBI Official Symbol	ZBTB8OS
NCBI Official Synonym Symbols	ARCH; ARCH2
UniProt Protein Name	Protein archease
UniProt Synonym Protein Names	Protein ZBTB8OS; Zinc finger and BTB domain-containing opposite strand protein 8
UniProt Gene Name	ZBTB8OS
UniProt Synonym Gene Names	ARCH
NCBI Protein Information	protein archease
UniProt Comments for ZBTB8OS	Component of the tRNA-splicing ligase complex required to facilitate the enzymatic turnover of catalytic subunit RTCB. Together with DDX1, acts by facilitating the guanylylation of RTCB, a key intermediate step in tRNA ligation.
Research Articles on ZBTB8OS	**1.** ARCH mutation is associated with chronic myelomonocytic leukemia.
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