Zinc Finger and BTB Domain-Containing Protein 48 (ZBTB48) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Zinc finger and BTB domain-containing protein 48 (ZBTB48), Recombinant Protein
Full Product Name	Recombinant Pongo abelii Zinc finger and BTB domain-containing protein 48 (ZBTB48), partial
Product Gene Name	ZBTB48 recombinant protein
Product Synonym Gene Name	ZBTB48
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	77,178 Da
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 Q5R633
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ZBTB48 recombinant protein	MBS1285170 is a recombinant protein targeting ZBTB48. Also known as Recombinant Pongo abelii Zinc finger and BTB domain-containing protein 48 (ZBTB48), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ZBTB48 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 ZBTB48. It may not necessarily be applicable to this product.

NCBI GI #	197100606
NCBI GeneID	100173621
NCBI Accession #	NP_001126624.1
UniProt Primary Accession #	Q5R633
UniProt Related Accession #	Q5R633
GenBank Nucleotide #	NM_001133152.1
NCBI Official Full Name	telomere zinc finger-associated protein
NCBI Official Symbol	ZBTB48

NCBI Official Synonym Symbols	TZAP
UniProt Protein Name	Telomere zinc finger-associated protein
UniProt Synonym Protein Names	Krueppel-related zinc finger protein 3 homolog
Protein Family	Zinc finger and BTB domain-containing protein
UniProt Gene Name	ZBTB48
UniProt Synonym Gene Names	TZAP
NCBI Protein Information	telomere zinc finger-associated protein
UniProt Comments for ZBTB48	Telomere-binding protein that acts as a regulator of telomere length. Directly binds the telomeric double-stranded 5'-TTAGGG-3' repeat. Preferentially binds to telomeres that have a low concentration of shelterin complex and acts as a regulator of telomere length by initiating telomere trimming, a process that prevents the accumulation of aberrantly long telomeres. Also acts as a transcription regulator that binds to promoter regions. Regulates expression of a small subset of genes, including MTFP1. Regulates expression the J and/or S elements in MHC II promoter. Acts as a negative regulator of cell proliferation by specifically activating expression of ARF, a tumor suppressor isoform of CDKN2A.
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