Zinc Finger and SCAN Domain-Containing Protein 4 (ZSCAN4) Pan Paniscus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Zinc finger and SCAN domain-containing protein 4 (ZSCAN4), Recombinant Protein
Full Product Name	Recombinant Pan paniscus Zinc finger and SCAN domain-containing protein 4 (ZSCAN4)
Product Gene Name	ZSCAN4 recombinant protein
Sequence	MALDLRTIFQ CEPSENNLGS ENSAFQQSQG PAVQREEGIS EFSRMVLNSF QDSNNSYARQ ELQRLYRIFH SWLQPEKHSK DEIISLLVLE QFMIGGHCND KAGVKEKWKS SGKNLERFIE DLTDDSINPP ALVHVHMQGQ EALFSEDMPL RDVIVHLTKQ VNAQTTREAN MGTPSQTSQD TSLETGQGYE DEQDGWNSSL KTTQVNENIT NQGDQIVSLI IIQEENSPRP EEGGVSSDNP YNSKRAELVT ARSQEGSING ITFQGVPMVM GAGCISQPEQ SSPESALTHQ SNEGNSTCEV HQKGSHGVRK SYKCEECPKV FKYLCHLLAH QRRHRNERPF VCPECQKGFF QISDLRVHQI IHTGKKPFTC SICKKSFSHK TNLRSHERIH TGEKPYTCPF CKTSYRQSST YHRHMRTHEK ITVPSVPSTP EAS
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	48,952 Da
Sequence Positions	1-433, 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 A1YFX5
Species	Pan paniscus (Pygmy chimpanzee) (Bonobo)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ZSCAN4 recombinant protein	MBS1160995 is a recombinant protein targeting ZSCAN4. Also known as Recombinant Pan paniscus Zinc finger and SCAN domain-containing protein 4 (ZSCAN4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ZSCAN4 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 ZSCAN4. It may not necessarily be applicable to this product.

NCBI GI #	146328587
NCBI Accession #	A1YFX5.1
UniProt Primary Accession #	A1YFX5

NCBI Official Full Name	Zinc finger and SCAN domain-containing protein 4
UniProt Protein Name	Zinc finger and SCAN domain-containing protein 4
Protein Family	Zinc finger and SCAN domain-containing protein
UniProt Gene Name	ZSCAN4
UniProt Comments for ZSCAN4	Embryonic stem (ES) cell-specific transcription factor required to regulate ES cell pluripotency. Binds telomeres and plays a key role in genomic stability in ES cells by regulating telomere elongation. Acts as an activator of spontaneous telomere sister chromatid exchange (T-SCE) and telomere elongation in undifferentiated ES cells ().
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