Zinc Finger Protein 649 (ZNF649) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Zinc finger protein 649 (ZNF649), Recombinant Protein
Full Product Name	Recombinant Human Zinc finger protein 649 (ZNF649)
Product Gene Name	ZNF649 recombinant protein
Product Synonym Gene Name	ZNF649
Sequence	MTKAQESLTL EDVAVDFTWE EWQFLSPAQK DLYRDVMLEN YSNLVSVGYQ AGKPDALTKL EQGEPLWTLE DEIHSPAHPE IEKADDHLQQ PLQNQKILKR TGQRYEHGRT LKSYLGLTNQ SRRYNRKEPA EFNGDGAFLH DNHEQMPTEI EFPESRKPIS TKSQFLKHQQ THNIEKAHEC TDCGKAFLKK SQLTEHKRIH TGKKPHVCSL CGKAFYKKYR LTEHERAHRG EKPHGCSLCG KAFYKRYRLT EHERAHKGEK PYGCSECGKA FPRKSELTEH QRIHTGIKPH QCSECGRAFS RKSLLVVHQR THTGEKPHTC SECGKGFIQK GNLNIHQRTH TGEKPYGCID CGKAFSQKSC LVAHQRYHTG KTPFVCPECG QPCSQKSGLI RHQKIHSGEK PYKCSDCGKA FLTKTMLIVH HRTHTGERPY GCDECEKAYF YMSCLVKHKR IHSREKRGDS VKVENPSTAS HSLSPSEHVQ GKSPVNMVTV AMVAGQCEFA HILHS
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	57,683 Da
Sequence Positions	1-505, 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.
OMIM	611903
3D Structure	ModBase 3D Structure for Q9BS31
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ZNF649 recombinant protein	MBS1324359 is a recombinant protein targeting ZNF649. Also known as Recombinant Human Zinc finger protein 649 (ZNF649). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ZNF649 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 ZNF649. It may not necessarily be applicable to this product.

NCBI GI #	21362078
NCBI GeneID	65251

NCBI Accession #	NP_075562.2
UniProt Primary Accession #	Q9BS31
UniProt Secondary Accession #	Q9H9N2; A8MYJ5; B2RDC4
UniProt Related Accession #	Q9BS31
GenBank Nucleotide #	NM_023074.3
NCBI Official Full Name	zinc finger protein 649
NCBI Official Synonym Full Names	zinc finger protein 649
NCBI Official Symbol	ZNF649
UniProt Protein Name	Zinc finger protein 649
Protein Family	Zinc finger protein
UniProt Gene Name	ZNF649
NCBI Protein Information	zinc finger protein 649
UniProt Comments for ZNF649	Transcriptional repressor. Regulator of transcriptional factor complexes and may suppress SRE and AP-1 transcription activities mediated by growth factor signaling pathways.
Research Articles on ZNF649	**1.** We detected African-specific SNPs at ZNF649 and LSAMP, with associations of genome-wide significance for ulcerative colitis.
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