Fez Family Zinc Finger Protein 2 (FEZF2) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Fez family zinc finger protein 2 (FEZF2), Recombinant Protein
Full Product Name	Recombinant Bovine Fez family zinc finger protein 2 (FEZF2)
Product Gene Name	FEZF2 recombinant protein
Product Synonym Gene Name	FEZF2
Sequence	MASSASLETM VPPACPRAGA SPATSKTLAF SIERIMAKTS EPRAPFEPRP GALEADSGQG KKLLNLCSPL PCMIPLQPLG YEMPSKTLLS YSELWKSSLR AGGSGGGGGG GGGGGGAPVC GASGLCKTNC GVCCKAELGL VPSALPAGRV IKPQVINQAV GLPASGSLYY FNYLDSATYP SSELLGGHLF PSGLLNTQAP AALAAHPKLF LLENAKLAGL TADKFAHPAP YAHKERLPAP LEQVLKENSA LTAERGGVKG HSKLPGGSAD GKPKNFTCEV CGKVFNAHYN LTRHMPVHTG ARPFVCKVCG KGFRQASTLC RHKIIHTQEK PHKCNQCGKA FNRSSTLNTH IRIHAGYKPF VCEFCGKGFH QKGNYKNHKL THSGEKQYKC TICNKAFHQV YNLTFHMHTH NDKKPFTCAT CGKGFCRNFD LKKHVRKLHD SVGPAAPSTK DLTRTVQS
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	48,842 Da
Sequence Positions	1-458, 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 Q2VWH6
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FEZF2 recombinant protein	MBS1351975 is a recombinant protein targeting FEZF2. Also known as Recombinant Bovine Fez family zinc finger protein 2 (FEZF2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of FEZF2 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 FEZF2. It may not necessarily be applicable to this product.

NCBI GI #	84000379
NCBI GeneID	613683
NCBI Accession #	NP_001033287.1
UniProt Primary Accession #	Q2VWH6

UniProt Secondary Accession #	Q2VWH7
UniProt Related Accession #	Q2VWH6
GenBank Nucleotide #	NM_001038198.2
NCBI Official Full Name	fez family zinc finger protein 2
NCBI Official Synonym Full Names	FEZ family zinc finger 2
NCBI Official Symbol	FEZF2
NCBI Official Synonym Symbols	ZNF312
UniProt Protein Name	Fez family zinc finger protein 2
UniProt Synonym Protein Names	Forebrain embryonic zinc finger-like protein 2; Zinc finger protein 312; Zinc finger protein Fez-like
Protein Family	Fez family zinc finger protein
UniProt Gene Name	FEZF2
UniProt Synonym Gene Names	FEZL; ZNF312
NCBI Protein Information	fez family zinc finger protein 2
UniProt Comments for FEZF2	Transcription repressor. Binds to 5'GCAG-3' core sequence. Required for the specification of corticospinal motor neurons and other subcerebral projection neurons. May play a role in layer and neuronal subtype-specific patterning of subcortical projections and axonal fasciculation. Controls the development of dendritic arborization and spines of large layer V pyramidal neurons (). May be responsible for mastitis resistance and innate immunity.
Research Articles on FEZF2	**1.** Enhanced clinical mastitis resistance in Holsteins with a FEZL p.Gly105(12_13) polymorphism.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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