Myocyte-Specific Enhancer Factor 2a (MEF2A) Chicken Recombinant Protein

PRODUCT OVERVIEW

Product Name	Myocyte-specific enhancer factor 2A (MEF2A), Recombinant Protein
Full Product Name	Recombinant Chicken Myocyte-specific enhancer factor 2A (MEF2A)
Product Gene Name	MEF2A recombinant protein
Product Synonym Gene Name	MEF2A
Sequence	MGRKKIQITR IMDERNRQVT FTKRKFGLMK KAYELSVLCD CEIALIIFNS SNKLFQYAST DMDKVLLKYT EYNEPHESRT NSDIVETLRK KGLNGCESPD ADDYFEHSPL SEDRFSKLNE DSDFIFKRGP PGLPAQNFSM SVTVPVSNPN TLTYSNPGSS LVSPSLAASS SLTSTTMLSP PQTTLHRNVS PGAPQRPPST GNAGGILGTT DLTVPNGAGT SPVGNGVWNS RASPSLLGTA GGGNGLGKVM PTKSPPPPGG GGLGMNNRKP DLRVVIPPSS KGMMPPLTEE DELELNTQRI SSSQSTQPLA TPVVSVTTPS FPPAGLVYSA MPTAYNTDYS LTSADLSAFE GFNSPGMLSL GQVSPWQQHH LGPATLSSLV SGSQLSQGSN LSINTNQNIN IKSEPISPPR DRVNSSGFPQ QQPPQQPQPP QPPQQPPQRQ EMGRSPVDSL SSSSSSYDGS DREDPRSDFH SPVVLGRPPN SEDRESPSVK RMRMDTWVT
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	53,669 Da
Sequence Positions	1-499, 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 Q9W6U8
Species	Chicken
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MEF2A recombinant protein	MBS1279933 is a recombinant protein targeting MEF2A. Also known as Recombinant Chicken Myocyte-specific enhancer factor 2A (MEF2A). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MEF2A 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 MEF2A. It may not necessarily be applicable to this product.

NCBI GI #	82224805
NCBI GeneID	395670
NCBI Accession #	Q9W6U8.1

UniProt Primary Accession #	Q9W6U8
UniProt Related Accession #	Q9W6U8
NCBI Official Full Name	Myocyte-specific enhancer factor 2A
NCBI Official Synonym Full Names	myocyte enhancer factor 2A
NCBI Official Symbol	MEF2A
UniProt Protein Name	Myocyte-specific enhancer factor 2A
Protein Family	Myocyte-specific enhancer factor
UniProt Gene Name	MEF2A
NCBI Protein Information	myocyte-specific enhancer factor 2A
UniProt Comments for MEF2A	Transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT]4TAR-3', found in numerous muscle-specific genes. Mediates cellular functions in skeletal and cardiac muscle development,.
Research Articles on MEF2A	**1.** The MEF2A gene may be a potential marker affecting the muscle trait of chickens.
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