Hepatocyte Nuclear Factor 3-Gamma (FOXA3) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hepatocyte nuclear factor 3-gamma (FOXA3), Recombinant Protein
Full Product Name	Recombinant Bovine Hepatocyte nuclear factor 3-gamma (FOXA3)
Product Gene Name	FOXA3 recombinant protein
Product Synonym Gene Name	FOXA3
Sequence	MLGSVKMEAH DLAEWSYYPE AGEVYSPVTP VPTMAPLNSY MTLNPLSSPY PPGGLPASPL PTGPLAPPAP TAPLGPTFPG LGASTGGGSS SGYGGPGPGL VHGKEMPKGY RRPLAHAKPP YSYISLITMA IQQAPGKMLT LSEIYQWIMD LFPYYRENQQ RWQNSIRHSL SFNDCFVKVA RSPDKPGKGS YWALHPSSGN MFENGCYLRR QKRFKLEEKV KKGGGGSSAS RNSAGSASTA TAPAATVAST PQPQPPPPEP EAQGGDEVGA LDCGSPAAPS TPYFTGLELP GELKLDAPYN FNHPFSINNL MSEQSPAPPK LDVGFGGYGA EGGEPGVYYQ GLYSRSLLNA S
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	37,138 Da
Sequence Positions	1-351, 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 Q3Y598
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FOXA3 recombinant protein	This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific transcripts such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. The crystal structure of a similar protein in rat has been resolved.
Other Notes	Small volumes of FOXA3 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.
Searchable Terms for FOXA3 purchase	MBS1283461 is a recombinant protein targeting FOXA3. Also known as Recombinant Bovine Hepatocyte nuclear factor 3-gamma (FOXA3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FOXA3. It may not necessarily be applicable to this product.

NCBI GI #	75832041
NCBI GeneID	503622

NCBI Accession #	NP_001028291.1
UniProt Primary Accession #	Q3Y598
UniProt Secondary Accession #	Q1JQB7
UniProt Related Accession #	Q3Y598
GenBank Nucleotide #	NM_001033119.2
NCBI Official Full Name	hepatocyte nuclear factor 3-gamma
NCBI Official Synonym Full Names	forkhead box A3
NCBI Official Symbol	FOXA3
NCBI Official Synonym Symbols	HNF3-G
UniProt Protein Name	Hepatocyte nuclear factor 3-gamma
UniProt Synonym Protein Names	Forkhead box protein A3
Protein Family	Hepatocyte nuclear factor
UniProt Gene Name	FOXA3
UniProt Synonym Gene Names	HNF3G; HNF-3-gamma; HNF-3G
NCBI Protein Information	hepatocyte nuclear factor 3-gamma
UniProt Comments for FOXA3	Transcription activator for a number of liver genes such as AFP, albumin, tyrosine aminotransferase, PEPCK, etc. Interacts with the cis-acting regulatory regions of these genes ().
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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