Forkhead Box Protein C2-A (foxc2-a) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Forkhead box protein C2-A (foxc2-a), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Forkhead box protein C2-A (foxc2-a)
Product Gene Name	foxc2-a recombinant protein
Product Synonym Gene Name	foxc2-a
Sequence	MMQARYSVAD PNALGVVPYL SEQNYYRAAG TYGSMATPMS VYPTHEQYTQ GMGRSYGPYH HHQPTAPKDL VKPPYSYIAL ITMAIQNAPD KKITLNGIYQ FIMDRFPFYR ENKQGWQNSI RHNLSLNECF VKVPRDDKKP GKGSYWSLDP DSYNMFENGS FLRRRRRFKR KDVCREKEDR LLKDQGKAQG PISSLELPKH EKKIVIKSES PELPVITKVE NLSPDGGSAM QDSPRSVAST PSVSTDNSIP DQHPASNGFS VENIMTLRTS PHGDLSPVPQ VPCRTGMVPS LPINYTAQTQ SSVYSQACTQ SMDTSGSYQC TMRAMSLYAG DRPSHMCAPS SLEEATSEHH NGTSSPLTSM SLGSGQESVL TSSHHQQTAT GGQTAAPWYL NPGADIGHLS GHNFGSQQQT FPNVREMFNS HRLGIESSAL SEHQVSGNTN CQIPYRSAPS IYRHSSPYAY DCTKY
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	51,614 Da
Sequence Positions	1-465, 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 Q9PVY9
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for foxc2-a recombinant protein	MBS1352465 is a recombinant protein targeting foxc2-a. Also known as Recombinant Xenopus laevis Forkhead box protein C2-A (foxc2-a). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of foxc2-a 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 foxc2-a. It may not necessarily be applicable to this product.

NCBI GI #	284795270
NCBI GeneID	735030
NCBI Accession #	NP_001089960.2
UniProt Primary Accession #	Q9PVY9

UniProt Secondary Accession #	Q2T9G0
UniProt Related Accession #	Q9PVY9
GenBank Nucleotide #	NM_001096491.2
NCBI Official Full Name	forkhead box protein C2-A
NCBI Official Synonym Full Names	forkhead box C2 L homeolog
NCBI Official Symbol	foxc2.L
NCBI Official Synonym Symbols	Mfh1; fkh7; MFH-1; foxc2; foxc2-a; foxc2-b
UniProt Protein Name	Forkhead box protein C2-A
UniProt Synonym Protein Names	Fork head domain-related protein 4; FD-4; xFD-4; xFD4 A; Forkhead protein 7; FKH-7; xFKH7
Protein Family	Forkhead box protein
UniProt Gene Name	foxc2-a
UniProt Synonym Gene Names	fkh7; FoxC2-A; FoxC2a; FD-4; xFD-4; xFD4 A; FKH-7; xFKH7
NCBI Protein Information	forkhead box protein C2-A
UniProt Comments for foxc2-a	Transcriptional activator (). May be involved in the dorso-ventral patterning of the mesoderm.
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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