Homeobox Protein Hox-D12 (HOXD12) Heterodontus Francisci Recombinant Protein

PRODUCT OVERVIEW

Product Name	Homeobox protein Hox-D12 (HOXD12), Recombinant Protein
Full Product Name	Recombinant Heterodontus francisci Homeobox protein Hox-D12 (HOXD12)
Product Gene Name	HOXD12 recombinant protein
Product Synonym Gene Name	HOXD12
Sequence	MCEHNLLNSG YVGSLLNFTS PEPFYFANLR PNGTQLATLS PALSYTRRDV CSLPWTSSPC ASPPQSRAFS GYSQSYLSNS VSISINRHVS DKAAAGEEPN KYYFQDSSRK VEERCRHNQS YPSDASIPSS VNINPAKYEY PNVETSLHGS SLHNQGFELN SNSPTVNDGI KQSVSLSMSL QSSVTPVCNR SSDGLPWCPT QVRSRRKRKP YTKQQIAELE NEFLANEFIN RQKRKELSDR LNLSDQQVKI WFQNRRMKKK RLVMREQTLS LF
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	30,902 Da
Sequence Positions	1-272, 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 Q9IA16
Species	Heterodontus francisci (Horn shark) (Cestracion francisci)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HOXD12 recombinant protein	MBS1469925 is a recombinant protein targeting HOXD12. Also known as Recombinant Heterodontus francisci Homeobox protein Hox-D12 (HOXD12). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HOXD12 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 HOXD12. It may not necessarily be applicable to this product.

NCBI GI #	14916589
NCBI Accession #	Q9IA16.1
UniProt Primary Accession #	Q9IA16
NCBI Official Full Name	Homeobox protein Hox-D12
UniProt Protein Name	Homeobox protein Hox-D12

Protein Family	Homeobox protein
UniProt Gene Name	HOXD12
UniProt Comments for HOXD12	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.
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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