Homeobox Protein MSX-1 (MSX1) Leontopithecus Rosalia Recombinant Protein

PRODUCT OVERVIEW

Product Name	Homeobox protein MSX-1 (MSX1), Recombinant Protein
Full Product Name	Recombinant Leontopithecus rosalia Homeobox protein MSX-1 (MSX1)
Product Gene Name	MSX1 recombinant protein
Product Synonym Gene Name	MSX1
Sequence	MTSLPLGVKV EDSAFGKPAG GGSGQSPSSA AATAAAVGAD EEGAKPKVSP SLLPFSVEAL MADHRKPGAK ESSLAASESA QAAGGLAQPL GVPPGSLGAP DAPSSPRPLG HFSVGGLLKL PEDALVKAES PEKPERTPWM QSPRFSPPPA RRLSPPACTL RKHKTNRKPR TPFTTAQLLA LERKFRQKQY LSIAERAEFS SSLSLTETQV KIWFQNRRAK AKRLQEAELE KLKMAAKPML PPAAFGLSFP LGGPAAVAAA AGASLYGASG PFQRAALPVA PVGLYTAHVG YSMYHLT
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	30,974 Da
Sequence Positions	1-297, 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 Q2VL83
Species	Leontopithecus rosalia (Golden lion tamarin)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MSX1 recombinant protein	MBS1354804 is a recombinant protein targeting MSX1. Also known as Recombinant Leontopithecus rosalia Homeobox protein MSX-1 (MSX1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MSX1 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 MSX1. It may not necessarily be applicable to this product.

NCBI GI #	88913535
NCBI Accession #	Q2VL83.1
UniProt Primary Accession #	Q2VL83
NCBI Official Full Name	Homeobox protein MSX-1
UniProt Protein Name	Homeobox protein MSX-1

UniProt Synonym Protein Names	Msh homeobox 1-like protein
Protein Family	Homeobox protein
UniProt Gene Name	MSX1
UniProt Comments for MSX1	Acts as a transcriptional repressor. May play a role in limb-pattern formation. Acts in cranofacial development and specifically in odontogenesis ().
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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