Growth/Differentiation Factor 8 (MSTN) Pongo Pygmaeus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Growth/differentiation factor 8 (MSTN), Recombinant Protein
Full Product Name	Recombinant Pongo pygmaeus Growth/differentiation factor 8 (MSTN)
Product Gene Name	MSTN recombinant protein
Sequence	DFGLDCDEHS TESRCCRYPL TVDFEAFGWD WIIAPKRYKA NYCSGECEFV FLQKYPHTHL VHQANPRGSA GPCCTPTKMS PINMLYFNGK EQIIYGKIPA MVVDRCGCS
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	42,722 Da
Sequence Positions	267-375, 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 A1C2U3
Species	Pongo pygmaeus (Bornean orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MSTN recombinant protein	MBS1263917 is a recombinant protein targeting MSTN. Also known as Recombinant Pongo pygmaeus Growth/differentiation factor 8 (MSTN). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MSTN 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 MSTN. It may not necessarily be applicable to this product.

NCBI GI #	146286189
NCBI Accession #	A1C2U3.1
UniProt Primary Accession #	A1C2U3
NCBI Official Full Name	Growth/differentiation factor 8
UniProt Protein Name	Growth/differentiation factor 8
UniProt Synonym Protein Names	Myostatin
Protein Family	Growth/differentiation factor

UniProt Gene Name	MSTN
UniProt Synonym Gene Names	GDF8; GDF-8
UniProt Comments for MSTN	Acts specifically as a negative regulator of skeletal muscle growth.
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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