Cu-Zn Superoxide Dismutase-Like Protein (EVM144) Ectromelia Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cu-Zn superoxide dismutase-like protein (EVM144), Recombinant Protein
Full Product Name	Recombinant Ectromelia virus Cu-Zn superoxide dismutase-like protein (EVM144)
Product Gene Name	EVM144 recombinant protein
Product Synonym Names	Cu-Zn superoxide dismutase-like protein
Sequence	MAVCIIDHDN IRGVIYFEPV HGKDKVLGSV IGLKSGTYSL IIHRYGDISR GCDSIDSPEI FIGNIFVNRY GVAYVYLDTD VNISTIIGKA LSISKNDQRL ACGVIGISFI NEKIIHFLTI NENGV
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	13,733 Da
Sequence Positions	1-125aa; 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 Q8JL75
Species	Ectromelia virus (strain Moscow) (ECTV) (Mousepox virus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for EVM144 recombinant protein	MBS1328218 is a recombinant protein targeting EVM144. Also known as Recombinant Ectromelia virus Cu-Zn superoxide dismutase-like protein (EVM144). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of EVM144 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 EVM144. It may not necessarily be applicable to this product.

NCBI GI #	22164750
NCBI GeneID	951495
NCBI Accession #	NP_671663.1
UniProt Primary Accession #	Q8JL75
GenBank Nucleotide #	NC_004105.1
NCBI Official Full Name	EVM144

NCBI Official Symbol	EVM144
UniProt Protein Name	Cu-Zn superoxide dismutase-like protein
UniProt Gene Name	EVM144
UniProt Entry Name	SODL_ECTVM
NCBI Protein Information	EVM144
UniProt Comments for EVM144	Virion protein with no enzymatic activity.
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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