Metallothionein (mt) Zoarces Viviparus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Metallothionein (mt), Recombinant Protein
Full Product Name	Recombinant Zoarces viviparus Metallothionein (mt)
Product Gene Name	mt recombinant protein
Sequence	MDPCECSKTG TCNCGGSCKC TNCSCTTCKK SCCPCCPSGC TKCASGCVCK GKTCDTSCCQ
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	6,047 Da
Sequence Positions	1-60, 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 P52728
Species	Zoarces viviparus (Viviparous eelpout) (Blennius viviparus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mt recombinant protein	MBS1255876 is a recombinant protein targeting mt. Also known as Recombinant Zoarces viviparus Metallothionein (mt). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mt 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 mt. It may not necessarily be applicable to this product.

NCBI GI #	1709179
NCBI Accession #	P52728.1
UniProt Primary Accession #	P52728
NCBI Official Full Name	Metallothionein
UniProt Protein Name	Metallothionein
UniProt Gene Name	mt
UniProt Synonym Gene Names	MT
UniProt Comments for mt	Metallothioneins have a high content of cysteine residues that bind various heavy metals.

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