Mesoderm Induction Early Response Protein 1 (MIER1) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mesoderm induction early response protein 1 (MIER1), Recombinant Protein
Full Product Name	Recombinant Pongo abelii Mesoderm induction early response protein 1 (MIER1), partial
Product Gene Name	MIER1 recombinant protein
Product Synonym Gene Name	MIER1
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	58,013 Da
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 Q5REE1
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MIER1 recombinant protein	MBS1358242 is a recombinant protein targeting MIER1. Also known as Recombinant Pongo abelii Mesoderm induction early response protein 1 (MIER1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MIER1 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 MIER1. It may not necessarily be applicable to this product.

NCBI GI #	82592972
NCBI Accession #	Q5REE1.2
UniProt Primary Accession #	Q5REE1
NCBI Official Full Name	Mesoderm induction early response protein 1
UniProt Protein Name	Mesoderm induction early response protein 1
Protein Family	Mesoderm induction early response protein
UniProt Gene Name	MIER1
UniProt Synonym Gene Names	Early response 1; Er1; Mi-er1

UniProt Comments for MIER1	Transcriptional repressor regulating the expression of a number of genes including SP1 target genes. Probably functions through recruitment of HDAC1 a histone deacetylase involved in chromatin silencing ().
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