Endoplasmin (HSP90B1) Mesocricetus Auratus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Endoplasmin (HSP90B1), Recombinant Protein
Full Product Name	Recombinant Mesocricetus auratus Endoplasmin (HSP90B1)
Product Gene Name	HSP90B1 recombinant protein
Sequence	KKSDYIKLYV RRVFITDDFH DMMPKYLNFV KGVVDSDDLP LNVSRETLQQ HKLLKVIRKK LVRKTLDMIK KIADEKYNDT FWKEFGTNIK LGVIEDHSNR TRLAKLLRFQ SSHHSTDITS LDQYVERMKE KQDKIYFMAG SSRKEAESSP FVERLLKKGY EVIYLTEPVD EYCIQALPEF DGKRFQNVAK EGVKFDESEK TKENREATEK EFEPLLNWMK DKALKDKIEK AVVSQRLTES PCALVASQYG WSGNMERIMK AQAYQTGKDI STNYYASQKK TFEINPRHPL IRDMLRRVKE DEDDKTVLDL AVVLFETATL RSGYLLPDTK AYADRIERML RLSLNIDPEA QVEEEPEEEP EDTTEDTEQD EEEEVDAGTE EEEEEEQETA KESTAEKDEL
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	46,794 Da
Sequence Positions	1-400, 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 P08712
Species	Mesocricetus auratus (Golden hamster)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HSP90B1 recombinant protein	MBS1239186 is a recombinant protein targeting HSP90B1. Also known as Recombinant Mesocricetus auratus Endoplasmin (HSP90B1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HSP90B1 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 HSP90B1. It may not necessarily be applicable to this product.

NCBI GI #	119361
NCBI Accession #	P08712.1
UniProt Primary Accession #	P08712
NCBI Official Full Name	Endoplasmin
UniProt Protein Name	Endoplasmin

UniProt Synonym Protein Names	94 kDa glucose-regulated protein; GRP-94; Heat shock protein 90 kDa beta member 1
Protein Family	Endoplasmin
UniProt Gene Name	HSP90B1
UniProt Synonym Gene Names	GRP94; GRP-94
UniProt Comments for HSP90B1	Molecular chaperone that functions in the processing and transport of secreted proteins. When associated with CNPY3, required for proper folding of Toll-like receptors. Functions in endoplasmic reticulum associated degradation (ERAD). Has ATPase activity ().
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