Hsp70 Nucleotide Exchange Factor Fes1 (fes1) Aspergillus Oryzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hsp70 nucleotide exchange factor fes1 (fes1), Recombinant Protein
Full Product Name	Recombinant Aspergillus oryzae Hsp70 nucleotide exchange factor fes1 (fes1)
Product Gene Name	fes1 recombinant protein
Product Synonym Gene Name	fes1
Sequence	MDANMNNLLK WSIQNSTTQQ SDAPNASNNT ADSSARGLTP EMLSALFGGP SDADLMKAAM EALHSDEVDL ENKLIAFDNF EQLIESIDNA NNLEPLGLWT PLVELLQHEE AEMRRMAAWC IGTAVQNNEK AQDKLVVFNA VPKLVTMSTT DSNPATRKKA VFALSSAVRN YQPAMDELVK HLPEGYSQGE KVDAGDMDAV DAIMDRLRAH PVPSSA
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	23,558 Da
Sequence Positions	1-216, 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 Q2U9E2
Species	Aspergillus oryzae (strain 42149 / RIB 40) (Yellow koji mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fes1 recombinant protein	MBS1392507 is a recombinant protein targeting fes1. Also known as Recombinant Aspergillus oryzae Hsp70 nucleotide exchange factor fes1 (fes1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fes1 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 fes1. It may not necessarily be applicable to this product.

NCBI GI #	169776981
NCBI GeneID	5995013
NCBI Accession #	XP_001822956.1
UniProt Primary Accession #	Q2U9E2
UniProt Related Accession #	Q2U9E2

GenBank Nucleotide #	XM_001822904.3
NCBI Official Full Name	unnamed protein product
NCBI Official Symbol	AO090701000063
UniProt Protein Name	Hsp70 nucleotide exchange factor fes1
Protein Family	Hsp70 nucleotide exchange factor
UniProt Gene Name	fes1
NCBI Protein Information	hypothetical protein
UniProt Comments for fes1	Functions as a nucleotide exchange factor (NEF) for Hsp70 chaperones which accelerates the release of ADP. Required for fully efficient Hsp70-mediated folding of proteins ().
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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