Major Heat Shock 70 Kda Protein Bb (Hsp70Bb) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Major heat shock 70 kDa protein Bb (Hsp70Bb), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Major heat shock 70 kDa protein Bb (Hsp70Bb), partial
Product Gene Name	Hsp70Bb recombinant protein
Product Synonym Gene Name	Hsp70Bb
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	70,195 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 Q9BIS2
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Hsp70Bb recombinant protein	MBS1337550 is a recombinant protein targeting Hsp70Bb. Also known as Recombinant Drosophila melanogaster Major heat shock 70 kDa protein Bb (Hsp70Bb), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Hsp70Bb 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 Hsp70Bb. It may not necessarily be applicable to this product.

NCBI GI #	24646322
NCBI GeneID	48582
NCBI Accession #	NP_524927.2
UniProt Primary Accession #	Q9BIS2
UniProt Secondary Accession #	P02824; Q53XF0; Q5I7H2; Q5I7H4; Q5I7H6; Q5I7H8; Q5I7I3; Q5I7I6; Q5I7I8; Q9BIS1; B0BNN7
UniProt Related Accession #	Q8INI8; Q9BIR7; Q9BIS2
GenBank Nucleotide #	NM_080188.3
NCBI Official Full Name	Heat-shock-protein-70Bb

NCBI Official Synonym Full Names	Heat-shock-protein-70Bb
NCBI Official Symbol	Hsp70Bb
NCBI Official Synonym Symbols	Bb; CG31359; dhsp70; dHsp70; Dm-hsp70; DmelCG31359; DMHSP7D1; Hsp 70; hsp-70; Hsp-70; hsp70; Hsp70; HSP70; hsp70 87C; Hsp70(87C); Hsp70A7d; hsp70B; Hsp70B; hsp70Bb; Hsp70Bbc; Hsp70Bc
UniProt Protein Name	Major heat shock 70 kDa protein Bb
UniProt Synonym Protein Names	HSP70-87C1
Protein Family	Major heat shock 70 kDa protein
UniProt Gene Name	Hsp70Bb
UniProt Synonym Gene Names	Heat shock protein 70Bb
NCBI Protein Information	CG31359 gene product from transcript CG31359-RA
UniProt Comments for Hsp70Bb	MiscellaneousMost strains have three copies of the gene coding for this protein at chromosome locus 87C1; two tandemly repeated Hsp70 genes (Hsp70Bb and Hsp70Bc) and one in reverse orientation (Hsp70Ba). Some strains, including that sequenced in the Drosophila genome project have three tandemly repeated Hsp70 genes (Hsp70Bb, Hsp70Bbb and Hsp70Bc).
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