

Heat stress transcription factor B-1 (HSFB1), Recombinant Protein

Cat RP12635

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species Oryza sativa subsp. japonica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. japonica Heat stress transcription factor B-1 (HSFB1)

Product Gene Name

HSFB1 recombinant protein

Product Synonym Gene Name

HSFB1

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MAAAEAAA AV GKQQQKGGGG RGGGGGGPAP FLTKTNQMVE ESATDEVISW GKEGRSFVWV KPVEFARDLL
PLHFKHCNFS SFVRQLNTYG FRKVVPDRWE FANGNFRERGE QGLLSGIRRR KATTPQSSKS CGSGVNVAFP
PPLPLPPEP SATTSSGNDR SSSSASSPPR ADITSENEQL RKDNQTLTME LARARRHCEE LLGFLSRFLD
VRQLDLRLLM QEDMRAAAGG VGGEQRVQEH AREEKCVKLF GVLLDDTHGA ATRKRARCEE AAASERPIKM
IRIGEPWVSV PSSGPARCGG DN

Sequence Positions

1-302, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

32,799 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Heat stress transcription factor

NCBI Accession

XP_015611859.1

NCBI GI

1002296819

NCBI GenBank Nucleotide

XM_015756373.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GeneID

4347259

NCBI Official Full Name

heat stress transcription factor B-1

NCBI Official Symbol

LOC4347259

NCBI Official Synonym Symbols

HSF23; HSFB1; OsHsf-23

NCBI Protein Information

heat stress transcription factor B-1

UniProt Gene Name

HSFB1

UniProt Synonym Gene Names

HSF23; OsHsf-23

UniProt Protein Name

Heat stress transcription factor B-1

UniProt Synonym Protein Names

Heat stress transcription factor 23; OsHsf-23

UniProt Primary Accession

Q67TP9

UniProt Secondary Accession

B7E6C6

UniProt Related Accession

Q67TP9

UniProt Comments

Transcriptional regulator that specifically binds DNA of heat shock promoter elements (HSE).

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