

Heat stress transcription factor B-2b (HSFB2B), Recombinant Protein

Cat *RP13420*

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-2b (HSFB2B)

Product Gene Name

HSFB2B recombinant protein

Product Synonym Gene Name

HSFB2B

Purity

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

Sequence

MADQTAAAVV VGGGAAATMG EPSPPPPAPA AEAAGVGVGQ QQRTVPTPFL TKTYQLVDDP AVDDVISWND
DGSTFVWVRP AEFARDLLPK YFKHNNFSSF VRQLNTYGFR KIVPDRWEFA NDCFRRGERR LLCEIHRRKV
TPPAPAAATTA AVAAAI PMAL PVT TTRDGSP VLSGEEQVIS SSSSPEPPLV LPQAPSGSGS GGVASGDVGD
ENERLRRENA QLARELSQMR KLCNNILLM SKYASTQQLD AANASSAAGN NNNNNCSGES AEAATPLPLP
AVLDLMPSCP GAASAAAPVS DNEEGMMSAK LFGVSIGRKR MRHDGGGDDD HAATVKAEPM DGRPHGKDEQ
SAETQAWPIY RRPVYQPIR ACNGYEYDRA GSDQDGSNST

Sequence Positions

1-390, 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

41,374 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_015648719.1

NCBI GI

1002288847

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI GenBank Nucleotide

XM_015793233.1

NCBI GeneID

4346229

NCBI Official Full Name

heat stress transcription factor B-2b

NCBI Official Symbol

LOC4346229

NCBI Official Synonym Symbols

HSF2; HSF21; rHsf2; HSFB2B; OsHsf-21; P0544G09.1; OJ1323_A06.29

NCBI Protein Information

heat stress transcription factor B-2b

UniProt Gene Name

HSFB2B

UniProt Synonym Gene Names

HSF2; HSF21; rHsf2; OsHsf-21

UniProt Protein Name

Heat stress transcription factor B-2b

UniProt Synonym Protein Names

Heat stress transcription factor 2; rHsf2; Heat stress transcription factor 21; OsHsf-21

UniProt Primary Accession

Q6Z9C8

UniProt Secondary Accession

Q6VBB5; B7ES48

UniProt Related Accession

Q6Z9C8

UniProt Comments

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

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