

Heat stress transcription factor A-2b (HSFA2B), Recombinant Protein

Cat *RP13430*

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 A-2b (HSFA2B)

Product Gene Name

HSFA2B recombinant protein

Product Synonym Gene Name

HSFA2B

Purity

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

Sequence

MDDPMLNAVK EEESHGDGGG LEVAGEDGA AAVAAGVAPR PMEGLHDAGP PPFLTKEYDM VDDAGTDAAV
SWSATSNSFV VWDPHAFATV LLPRFFKHNN FSSFVRQLNT YGFRKVPDR WEFANENFLR GQRHLLKNIK
RRKPPSHTAS NQQSLGPYLE VGHFGYDAEI DRLKRDQQLL MAEVVKLRQE QQNTKANLKA MEDRLQGTEQ
RQQQMMAFLA RVMKNPEFLK QLMSQNMERK ELQDAISKKR RRRIDQGPEV DDVGTSSSIE QESPALFDPQ
ESVEFLIDGI PSDLENSAMD AGGLVEPQDF DVGASEQQQI GPQGELNDNF WEELLNEGLV GEENDNPVVE
DDMNVLSEKM GYLNSNGPTA GE

Sequence Positions

1-372, 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

41,524 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_015645272.1

NCBI GI

1002281959

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GenBank Nucleotide #
XM_015789786.1

NCBI GeneID

4342550

NCBI Official Full Name

heat stress transcription factor A-2b

NCBI Official Symbol

LOC4342550

NCBI Official Synonym Symbols

HS1; HSF5; HSF18; rHsf5; HSFA2B; OsHsf-18; OsJ_022374; OJ1361_E02.115

NCBI Protein Information

heat stress transcription factor A-2b

UniProt Gene Name

HSFA2B

UniProt Synonym Gene Names

HS1; HSF18; HSF5; OsHsf-18; rHsf5

UniProt Protein Name

Heat stress transcription factor A-2b

UniProt Synonym Protein Names

Heat stress transcription factor 18; OsHsf-18; Heat stress transcription factor 5; rHsf5

UniProt Primary Accession

Q6VBB2

UniProt Secondary Accession

Q7XBH0; A0A0P0X300

UniProt Related Accession

Q6VBB2

UniProt Comments

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

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