



Recombinant *Oryza sativa* subsp. *japonica* Heat stress transcription factor B-4b (HSFB4B)

Product Code	CSB-EP771934OFG
Abbreviation	HSFB4B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q7XHZ0
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MAFLVERCGE MVVSMEMGPH GGGGAAAGKP VPAPFLTKTY QLVDDPCTDH IVSWGEDDTT FVVWRPPEFA RDLLPNYFKH NNFSSFVRQL NTYGFRKIVA DRWEFANEFF RKGAKHLLAE IHRKSSQPP PPPMPHQPYH HHHHLNPFSL PPPPAYHHH HLIQEEPATT AHCTVAGDGG EGGDFLAALS EDNRQLRRRN SLLLSELAHM KKLYNDIIF LQNHVAPVTT TTTTPSSTAM AAAQHHLPAASCRMLMELDS PDHSPPPPPP KTPATDGGDT VKLFGVSLHG RKKRAHRDDD DGVHDQGSEV
Source	<i>E.coli</i>
Target Names	HSFB4B
Protein Names	Recommended name: Heat stress transcription factor B-4b Alternative name(s): Heat stress transcription factor 12 Short name= OsHSF12 Short name= rHsf12 Heat stress transcription factor 19 Short name= OsHsf-19
Expression Region	1-310
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.