

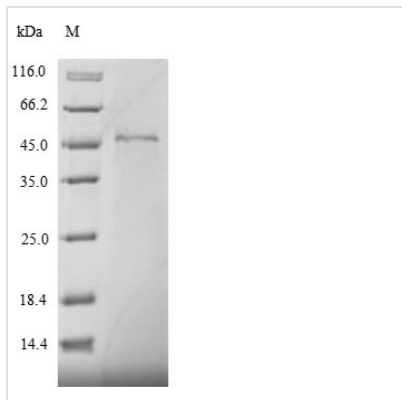


Recombinant Drosophila melanogaster Stress-activated protein kinase JNK (bsk)

Product Code	CSB-EP310094DLU
Relevance	Responds to activation by environmental stress by phosphorylating a number of transcription factors, primarily components of AP-1 such as Jra and also the transcriptional repressor aop, and thus regulates transcriptional activity. Component of the immune response activated by bacterial infection, and is involved in wound healing and in dorsal closure, a morphogenetic movement during embryogenesis. Controls the expression of a phosphatase, puckered, at the edges of wounded epidermal tissue and in the dorsal epithelium during dorsal closure.
Abbreviation	Recombinant Drosophila melanogaster bsk protein
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.	P92208
Alias	Short name: dJNK Alternative name(s): Protein basket
Product Type	Recombinant Protein
Immunogen Species	Drosophila melanogaster (Fruit fly)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MTTAQHQQHYTVEVGDTNFTIHSRYINLRPIGSGAQGIVCAAYDTITQQNVAIKKL SRPFQNVTHAKRAYREFKLMKLVNHKNIIIGLLNAFTPQRNLEEFQDVYLVME MDANLCQVIQMDLDHDRMSYLLYQMLCGIKHLHSAGIIHRDLKPSNIVVKADCT LKILDFGLARTAGTTFMMPYVVTRYRRAPEVILGMGYTENVDIWSVGCIMGE MIRGGVLFPGTDHIDQWNKIIIEQLGTPSPSFMQRLQPTVRNYVENRPRYTGY FDRLFPDGLFPNDNNQNSRRKASDARNLLSKMLVIDPEQRISVDEALKHEYINV WYDAEEVDAPAPEPYDHSVDEREHTVEQWKELIYEEVMDYEAHNTNNRTR
Research Area	Others
Source	E.coli
Target Names	bsk
Protein Names	Recommended name: Stress-activated protein kinase JNK Short name= dJNK EC= 2.7.11.24 Alternative name(s): Protein basket
Expression Region	1-372aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	47.0kDa


Protein Length

Full Length

Image


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.