

Recombinant Drosophila Melanogaster BSK Protein (1-372 aa), His-tagged

Cat. No. BSK-2016D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Drosophila Melanogaster (Fruit fly) BSK Protein (1-372 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Drosophila
Source	E.coli
ProteinLength	1-372 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	47.0 kDa
AA Sequence	MTTAQHQQHYTVEVGDTNFTIHSRYINLRPIGSGAQGIVCAAYDTITQQNVAIKKLSRP FQNVTHAKRAYREFKLMKLVNHKNIIGLLNAFTPQRNLEEFQDVYLVMEIMDANLCQ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VIQMDLDHDRMSYLLYQMLCGIKHLHSAGIIHRDLKPSNIVVKADCTLKILDFGLARTA
 GTTFMMTPYVVTRYRAPEVILGMGYTENVDIWSVGCIMGEMIRGGVLFPDGLPNDNNQNSR
 WNKIIEQLGTPSPSFMQRLQPTVRNYVENRPRYTGYSFDRLPDGLFPNDNNQNSR
 RKASDARNLLSKMLVIDPEQRISVDEALKHEYINVWYDAEEVDAPAPEPYDHSVDER
 EHTVEQWKELIYEEVMDYEAHNTNNRTR

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [bsk basket \[Drosophila melanogaster \(fruit fly\) \]](#)

Official Symbol [BSK](#)

Synonyms Bsk; BSK; CG5680; D-JNK; D-junk; DBSK/JNK; dJnk; dJNK; DJNK; DJNK/bsk; Dmel\CG5680; DmJNK; dNJNK; jnk; Jnk; JNK; jnk (bsk); JNK/SAPK; Junk; p-JNK; P-JNK; pJNK; SAPKa;

Gene ID [44801](#)

mRNA Refseq [NM_164900](#)

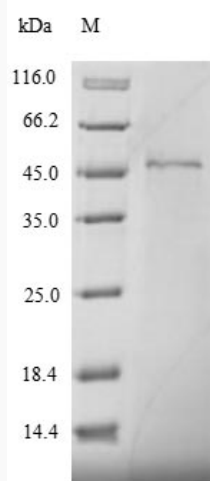
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Protein Refseq NP_723541

UniProt ID P92208



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

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