

JNK3 alpha 1 [40-422], human, inactive

c-Jun N-terminal kinase 3 alpha

PK-070

Protein concentration:

2mg/ml

Inactive

**Can be activated by
phosphorylation.**

Batch-ID 070-1

Store at -20°C

1 μg GST-JNK3-His₆ was separated on SDS-PAGE and stained with Coomassie Blue. The marker is SeeBlue Plus 2 from Invitrogen.



Product description GST-JNK3 alpha [40-422] His₆, human, inactive:

The product was expressed as a fusion protein with a N-terminal GST-tag and a C-terminal His₆ tag in a bacterial expression system, bound to GSH-agarose and purified to 95% homogeneity by elution with reduced GSH. The product is stored in 50 mM Tris-HCl pH 7.5, 50% glycerol, 150 mM NaCl, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 0.02 % Brij-35. Calculated MW: GST-JNK3 alpha His₆ 71,566 daltons. The GST tag can be removed with Precision Protease® (registered trademark of GE Healthcare).

Synonyms: MAPK10, JNK3, JNK3A, PRKM10, p493F12, FLJ12099, p54bSAPK

Application:

Substrate for JNKK / MKK4 and MAP2K7 / MKK7 / JNKK2.

May be useful when screening for inhibitors of JNK3 activation.

When activated the kinase can phosphorylate c-Jun or ATF2.

Can be used to raise antibodies against JNK3.

Aminoacid sequence

MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LEVLFQGPLG **SSKSKVDNQF**
YSVEVGDSTF TVLKRYQNLK PIGSGAQGIV CAAYDAVLDR NVAIKKLSRP FONQTHAKRA
YRELVLMKCV NHKNIISLLN VFTPQKTEE FQDVYLMEL MDANLCQVIQ MELDHERMSY
LLYQMLCGIK HLHSAGIIHR DLKPSNIVVK SDCTLKILDF GLARTAGTSF MMTFYVTRY
YRAPEVILGM GYKENVDIWS VGCIMGEMVR HKILFPGRDY IDQWNKVIEQ LGTPCPEFMK
KLQPTVRNYV ENRPKYAGLT FPKLFPDSL F PADSEHNKLF ASQARDLLSK MLVIDPAKRI
SVDDALQHPY INVWYDPAEV EAPPPQIYDK QLDEREHTIE EWKELIYKEV MNSEKTKNG
VVKGQPSPSA QVQQHHHHHH

S232 of the fusion protein is equivalent to S2 of NM_002753.

Health and Safety

For research use only, not for clinical use or consumption