Recombinant Human MAPK11, GST-tagged, Active

Cat. No. MAPK11-373H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human MAPK11 was expressed by*baculovirus*in*Sf9 insect cells*using an N-terminal GST tag. MW=71 kDa.
Species	Human
Source	Sf9 Cells
Description	P38β is a member of the p38 MAP kinase family and is activated by both proinflammatory cytokines and environmental stress. The p38β is activated through its phosphorylation by MAP kinase kinases (MKKs), preferably by MKK6. Transcription factor ATF2/CREB2 has been shown to be a substrate of this kinase. Alternatively spliced transcript variants encoding the same protein have been observed.
Sequence	Full-length.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at –70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

Gene Name	MAPK11 mitogen-activated protein kinase 11 [Homo sapiens]

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

Synonyms	MAPK11; mitogen-activated protein kinase 11; P38B; SAPK2; p38-2; PRKM11; SAPK2B; p38Beta; P38BETA2; OTTHUMP00000196655; stress-activated protein kinase-2; stress-activated protein kinase-2b; mitogen-activated protein kinase p38-2; mitogen-activated protein kinase p38 beta; EC 2.7.11.24
Gene ID	5600
mRNA Refseq	NM_002751
Protein Refseq	NP_002742
MIM	602898
UniProt ID	Q15759
Chromosome Location	22q13.33
Pathway	Amyotrophic lateral sclerosis (ALS); Epithelial cell signaling in Helicobacter pylori infection; Fc epsilon RI signaling pathway; GnRH signaling pathway; Leukocyte transendothelial migration; MAPK signaling pathway; Neurotrophin signaling pathway; RIG-I-like receptor signaling pathway; T cell receptor signaling pathway; Toll-like receptor signaling pathway; VEGF signaling pathway; Signalling by NGF
Function	ATP binding; MAP kinase activity; MAP kinase kinase activity; MP kinase activity; nucleotide binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity; transferase activity

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