

p38beta recombinant protein

p38beta, Active

CATALOG # AAA73026	HOST Sf9 insect cells using baculovirus	APPLICATIONS Western Blot
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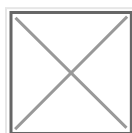
PRODUCT SYNONYMS

p38beta; Active; p38beta recombinant protein

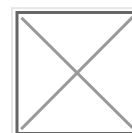
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	Full Length
Sequence Length	2463
Applicable Applications for p38beta recombinant protein	WB (Western Blot), Kinase Assay
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. 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.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for p38beta recombinant protein	Description: Recombinant full-length human p38beta was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: p38beta is a member of the p38 MAP kinase family and is activated by both proinflammatory cytokines and environmental stress (1). The p38beta 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 (2). Alternatively spliced transcript variants encoding the same protein have been observed.
Product Categories/Family for p38beta recombinant protein	Enzymes ; Active Kinases
References	1. Jiang, Y. et al: Characterization of the structure and function of a new mitogen-activated protein kinase (p38-beta). J. Biol. Chem. 271: 17920-17926, 1996. 2. Stein, B. et al: p38-2, a novel mitogen-activated protein kinase with distinct properties. J. Biol. Chem. 272: 19509-19517, 1997.

NCBI AND UNIPROT INFORMATION

NCBI GI #	589908391
NCBI GeneID	5600
NCBI Accession #	NM_002751.6
NCBI GenBank Nucleotide #	NM_002751
UniProt Accession #	Q15759; O00284; O15472; Q2XNF2; A8K730; B0LPG1; B7Z630; E7ETQ1; L7RT27
Molecular Weight	~71 kDa
NCBI Official Full Name	Homo sapiens mitogen-activated protein kinase 11 (MAPK11), transcript variant 1, mRNA
NCBI Official Synonym Full Names	mitogen-activated protein kinase 11
NCBI Official Symbol	MAPK11
NCBI Official Synonym Symbols	P38B; SAPK2; p38-2; PRKM11; SAPK2B; p38Beta; P38BETA2
NCBI Protein Information	mitogen-activated protein kinase 11
UniProt Protein Name	Mitogen-activated protein kinase 11
UniProt Gene Name	MAPK11
UniProt Synonym Gene Names	PRKM11; SAPK2; SAPK2B; MAP kinase 11; MAPK 11; MAP kinase p38 beta; p38b; SAPK2b

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mapk11-recombinant-protein-sf9-insect-cells-using-baculovirus-wb-western-blot-kinase-assay/73026>