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Datasheet

MAPK11 (Human) Recombinant Protein

Catalog Number: P4737

Regulation Status: For research use only (RUO)

Product Description: Human MAPK11 (NM_002751.5, 1 a.a. - 364 a.a.) full-length recombinant protein expressed in *Escherichia coli*.

Host: Escherichia coli

Theoretical MW (kDa): 41.485

Applications: Func, SDS-PAGE
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Preparation Method: *Escherichia coli* expression system

Purification: Immobilized metal affinity chromatography

Concentration: 0.810 ug/uL

Activity: 701 pmol/ug x min

Storage Buffer: In 50 mM Hepes, 100 mM NaCl, pH 7.5. (3 mM 2-ME, 20% glycerol)

Storage Instruction: Store at -80°C.
Aliquot to avoid repeated freezing and thawing

Entrez GeneID: 5600

Gene Symbol: MAPK11

Gene Alias: P38B, P38BETA2, PRKM11, SAPK2, SAPK2B, p38-2, p38Beta

Gene Summary: The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. This kinase is most closely related to p38 MAP kinase, both of which can be activated by proinflammatory cytokines and environmental stress. This kinase 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. [provided by RefSeq]