

MEKK6 (ASK2) Recombinant Protein | MEKK6 recombinant protein

MEKK6 (ASK2), Active

CATALOG # AAA73661	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

MEKK6 (ASK2); Active; MAP3K6; MAPKKK6; ASK2; MEKK6 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for MEKK6 recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
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



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for MEKK6 recombinant protein	Recombinant human MEKK6 (ASK2)(620-950) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The MEKK6 (ASK2) gene accession number is NM_004672. MEKK6 or MAP3K6 (mitogen-activated protein kinase kinase kinase 6) is a member of the serine/threonine protein kinase family. MEKK6 was identified by its interaction with MAP3K5/ASK, a protein kinase and an activator of c-Jun kinase (MAPK7/JNK) and MAPK14/p38 kinase (1). MEKK6 cascades relay signals from the cell surface to the nucleus which result in gene transcription (2). MEKK6 activates the JNK and p38 pathway and induces apoptosis when overexpressed in stably transfected cells. MEKK6 transcript is expressed in several tissues, with the highest expression in heart and skeletal muscle.
Product Categories/Family for MEKK6 recombinant protein	Protein Kinases ; Apoptosis/Autophagy ; ERK/MAPK Pathway ; Invasion/Metastasis ; JNK/SAPK Pathway ; p38 Pathway ; Ser/Thr Kinases
References	1. Wang, X. S. et al: MAPKKK6, a novel mitogen-activated protein kinase kinase kinase, that associates with MAPKKK5. Biochem. Biophys. Res. Commun. 253: 33-37, 1998. 2. Takeda, K. et al: Apoptosis signal-regulating kinase (ASK) 2 functions as a mitogen-activated protein kinase kinase kinase in a heteromeric complex with ASK1. J Biol Chem. 2007 Mar 9;282(10):7522-31.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_004672
Molecular Weight	~67kDa

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/mekk6-ask2-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73661>