

Recombinant Mouse ASK1, His-tagged, T7 tagged

Cat. No. ASK1-3585M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Apoptosis Signal Regulating Kinase 1 (ASK1)
Species	Mouse
Source	E.coli
ProteinLength	1380
Description	About the Marker: Effective Size Range: 10kDa to 70kDa. Protein bands: 10kDa, 14kDa, 18kDa, 22kDa, 26kDa, 33kDa, 44kDa and 70kDa. Double intensity bands: The 26kDa, 18kDa, 10kDa bands are at double intensity to make location and size approximation of proteins of interest quick and easy. Ready-to-use: No need to heat, dilute or add reducing agents before use.
Form	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Molecular Mass	30.8kDa
Endotoxin	<1.0eu per 1ug (determined by the lal <1.0eu
Purity	>95%
Applications	SDS-PAGE, Western Blot (WB), ELISA (EIA), Immunoprecipitation (IP)
Notes	Small volumes of ASK1 recombinant protein may occasionally become entrapped in

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the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

Warning

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name

Map3k5 mitogen-activated protein kinase kinase kinase 5 [*Mus musculus*]

Official Symbol

Map3k5

Synonyms

ASK; ASK1; Mekk5; MAPKKK5; 7420452D20Rik; mitogen-activated protein kinase kinase kinase 5; ASK-1; MEKK 5; MEK kinase 5; MAPK/ERK kinase kinase 5; apoptosis signal-regulating kinase 1; mitogen activated protein kinase kinase kinase 5

Gene ID

26408

mRNA Refseq

NM_008580

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Protein Refseq	NP_032606
UniProt ID	O35099
Chromosome Location	10 A3; 10
Pathway	Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Cellular Senescence, organism-specific biosystem
Function	ATP binding; cysteine-type endopeptidase activator activity involved in apoptotic process

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