Recombinant Human MAP3K15, GST-tagged

Cat. No. MAP3K15-44H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ASK3 (MAP3K15) (582-1169) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	582-1169 a.a.
Description	ASK3 (MAP3K15) is a member of the mitogen-activated protein kinase (MAPK) family which functions in a protein kinase signal transduction cascade, where an activated MAPK kinase kinase (MAP3K) phosphorylates and activates a specific MAPK kinase (MAP2K), which then activates a specific MAPK. ASK3 plays an essential role in apoptotic cell death triggered by cellular stresses. ASK3 is also functions in a signal transduction pathway that is activated by various cell stresses and leads to apoptosis.
Form	50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~93 kDa
Applications	Western Blot
Storage	Store product at –70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable

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	performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1ug/ul

GENE INFORMATION

Gene Name	MAP3K15 mitogen-activated protein kinase kinase kinase 15 [Homo sapiens]
Official Symbol	MAP3K15
Synonyms	MAP3K15; mitogen-activated protein kinase kinase kinase 15; bA723P2.3; FLJ16518; MEKK 15; MEK kinase 15; MAPK/ERK kinase kinase 15; apoptosis signal-regulating kinase 3; ASK3;
Gene ID	389840
mRNA Refseq	NM_001001671
Protein Refseq	NP_001001671
MIM	300820
UniProt ID	Q6ZN16
Chromosome Location	Xp22.12
Function	ATP binding; MAP kinase kinase kinase activity; metal ion binding; nucleotide binding; protein serine/threonine kinase activity;

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