

Active Recombinant Full Length Human MS4A1 Protein, N-GST tagged

Cat. No. MAP2K3-15HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Active recombinant full-length human MEK3 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Insect cells
ProteinLength	Full Length
Tag	N-GST
Molecular Mass	62 kDa
Purity	>90%
Applications	Kinase Assay, Western Blot
Stability	1yr at –70 centigrade from date of shipment
Storage	Store product at –70 centigrade. 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.
Concentration	0.1 µg/µL

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Storage Buffer	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Shipping	Dry ice
References	1. Lu, H.-T. et al: Defective IL-12 production in mitogen-activated protein (MAP) kinase kinase 3 (MEK3)-deficient mice. EMBO J. 18: 1845-1857, 1999. 2. Orth, K. et al: Inhibition of the mitogen-activated protein kinase kinase superfamily by a Yersinia effector. Science 285: 1920-1923, 1999.

GENE INFORMATION

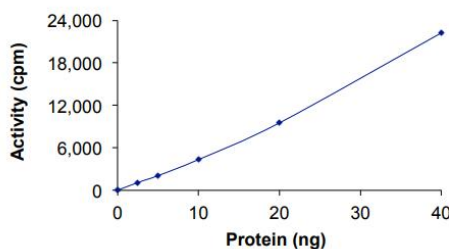
Gene Name	MAP2K3 mitogen-activated protein kinase kinase 3 [Homo sapiens (human)]
Official Symbol	MAP2K3
Synonyms	MAP2K3; mitogen-activated protein kinase kinase 3; PRKMK3; dual specificity mitogen-activated protein kinase kinase 3; dual specificity mitogen activated protein kinase kinase 3; MAP kinase kinase 3; MAPK/ERK kinase 3; MAPKK3; MEK3; MKK3; MEK 3; MAPKK 3; SAPK kinase 2; stress-activated protein kinase kinase 2; SAPKK2; SAPKK-2
Gene ID	5606
mRNA Refseq	NM_002756
Protein Refseq	NP_002747
MIM	602315
UniProt ID	P46734

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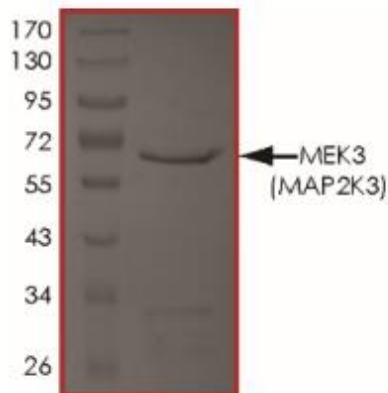
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Specific Activity



The specific activity of MEK3 was determined to be 24 nmol/min/mg

Purity



The purity of MEK3 protein was determined to be >90% by densitometry, approx.
MW 62kDa.