

Active Recombinant Human MAP2K6 protein, His&GST-tagged

Cat. No. MAP2K6-888H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP2K6 protein(P52564-1)(Met1-Asp334,Ser207/Asp,211Thr/Asp), fused with His and GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Asp334,Ser207/Asp,211Thr/Asp
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% glycerolPlease contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	The specific activity was determined to be 200 nmol/min/mg using inactive MAPK14 as substrate.
Molecular Mass	The recombinant human MAP2K6(S207D&T211D/GST chimera consists of 571 amino acids and has a calculated molecular mass of 65.3 KDa. It migrates as an approximately 60 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 88 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name MAP2K6 mitogen-activated protein kinase kinase 6 [Homo sapiens]

Official Symbol MAP2K6

Synonyms MAP2K6; mitogen-activated protein kinase kinase 6; PRKMK6; dual specificity mitogen-activated protein kinase kinase 6; MAPKK6; MEK6; MKK6; protein kinase; mitogen activated; kinase 6 (MAP kinase kinase 6); SAPKK3; MEK 6; MAPKK 6; SAPK kinase 3; MAPK/ERK kinase 6; stress-activated protein kinase kinase 3; protein kinase, mitogen-activated, kinase 6 (MAP kinase kinase 6); SAPKK-3;

Gene ID 5608

mRNA Refseq NM_002758

Protein Refseq NP_002749

MIM 601254

UniProt ID P52564

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