Active Recombinant Full Length Human MAP2K7 Protein, GST-tagged

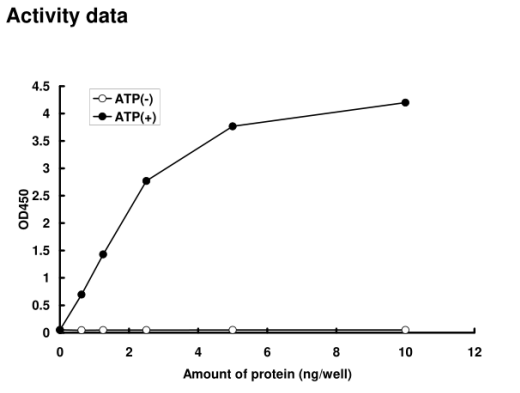
Cat. No. MAP2K7-2337HF **Lot. No.** (See product label)

SPECIFICATION

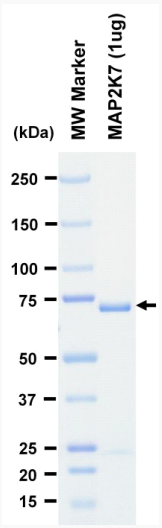
Product Overview	Full-length human MAP2K7 [1-419(end) amino acids of accession number NP_660186.1] was co- expressed as N-terminal GST-fusion protein (75 kDa) with human His-tagged MAP3K3 [1-626(end) amino acids of accession number NP_002392.2] using baculovirus expression system. GST-MAP2K7 was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-419(end)
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was determined by ELISA. The enzyme was incubated with GST-fused substrate protein, and after stopping kinase reaction by EDTA, the reaction solution was transferred into glutathione-coated plate. Phosphorylation was detected by anti-phospho antibody and HRP-labeled anti-rabbit IgG(or HRP-labeled anti-mouse IgG) .
Purity	90%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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GENE INFORMATION

Gene Name	mitogen-activated protein kinase kinase 7
Official Symbol	MAP2K7
Synonyms	MAP2K7;JNKK2;MAPKK7;MEK;MEK7;MKK7;PRKMK7;SAPKK-4;SAPKK4;Jnkk2
Protein Refseq	NP_660186.1
UniProt ID	O14733
Activity data	 The activity was determined by ELISA. The enzyme was incubated with GST-fused substrate protein, and after stopping kinase reaction by EDTA, the reaction solution was transferred into glutathione-coated plate. Phosphorylation was detected by anti-phospho antibody and HRP-labeled anti-rabbit IgG(or HRP-labeled anti-mouse IgG) .

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SDS-PAGE	 The purity was assessed by SDS-PAGE/CBB staining.

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