

Active Recombinant Human MAP3K8, GST-tagged

Cat. No. MAP3K8-572H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP3K8 (Accession # NM_005204) amino acids 30 - 397, fused with an N-terminal GST tag, was produced in baculovirus in Sf 9 insect cells.
Species	Human
Source	Sf9 Cells
ProteinLength	30-397 a.a.
Form	Supplied in 50 mM Tris-HCl (pH 7.5), 150 mM NaCl, 0.25 mM DTT, 0.1 mM EGTA, 0.1 mM EDTA, 0.1 mM PMSF, and 25% glycerol.
Bio-activity	The specific activity of COT was determined to be 1150 nmol/min/mg using MEK1 and ERK1 substrates and a myelin basic protein (MBP) substrate
Molecular Mass	In SDS-PAGE migrates as 70 kDa.
Purity	The purity was determined to be >90% by densitometry
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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Gene Name	MAP3K8 mitogen-activated protein kinase kinase kinase 8 [Homo sapiens]
Official Symbol	MAP3K8
Synonyms	MAP3K8; mitogen-activated protein kinase kinase kinase 8; COT, ESTF; c COT; EST; MEKK8; Tpl 2; proto-oncogene c-Cot; tumor progression locus 2; Ewing sarcoma transformant; cot (cancer Osaka thyroid) oncogene; proto-oncogene serine/threonine protein kinase; COT; ESTF; TPL2; Tpl-2; c-COT; FLJ10486;
Gene ID	1326
mRNA Refseq	NM_001244134
Protein Refseq	NP_001231063
MIM	191195
UniProt ID	P41279
Chromosome Location	10p11.2