

Recombinant Human MAPK6, GST-tagged

Cat. No. MAPK6-742H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPK6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	7-350aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	MAPK6 mitogen-activated protein kinase 6 [Homo sapiens]
Official Symbol	MAPK6
Synonyms	MAPK6; mitogen-activated protein kinase 6; PRKM6; ERK3; HsT17250; p97MAPK; ERK-3; MAPK 6; p97-MAPK; MAP kinase 6; MAP kinase isoform p97; protein kinase, mitogen-activated 5; protein kinase, mitogen-activated 6; extracellular signal-regulated kinase 3; extracellular signal-regulated kinase, p97; DKFZp686F03189;

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Gene ID	5597
mRNA Refseq	NM_002748
Protein Refseq	NP_002739
MIM	602904
UniProt ID	Q16659
Chromosome Location	15q21
Pathway	Focal Adhesion, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Integrin-mediated cell adhesion, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; Regulation of Actin Cytoskeleton, organism-specific biosystem; Signal Transduction of S1P Receptor, organism-specific biosystem;
Function	ATP binding; MAP kinase activity; nucleotide binding; protein serine/threonine kinase activity;

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