

Recombinant Human MAPK6 protein, His/MBP-tagged

Cat. No. MAPK6-285H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human MAPK6(299-526 aa) fused with His/MBP tag was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 299-526 aa |
| Description | The protein encoded by this gene is a member of the Ser/Thr protein kinase family, and is most closely related to mitogen-activated protein kinases (MAP kinases). MAP kinases also known as extracellular signal-regulated kinases (ERKs), are activated through protein phosphorylation cascades and act as integration points for multiple biochemical signals. This kinase is localized in the nucleus, and has been reported to be activated in fibroblasts upon treatment with serum or phorbol esters. |
| Form | Liquid in PBS |
| Purity | SDS-PAGE >90% |
| Applications | WB Positive Control |
| Stability | Samples are stable for up to twelve months from date of receipt at -70°C. |
| Storage | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be |

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

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|------------------------|--|
| 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; |
| Gene ID | 5597 |
| mRNA Refseq | NM_002748 |
| Protein Refseq | NP_002739 |
| MIM | 602904 |
| UniProt ID | Q16659 |

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