

Full-Length

MAPK4 (Human) Recombinant Protein (P01)

Catalog # H00005596-P01

Size 50 ug

Specification

Product Description	Human MAPK4 full-length ORF (ADR83381.1, 1 a.a. - 587 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAEKGDCIASVYGYDLGGRFVDFQPLGFGVNLVLSAVDSRACRKVAVKKIALSDARSMKHALR EIKIIRLDHDNVKVYEVLPKPGTDLQGELFKFSVAYVQEYMETDLARLLEQGTAAEEHAKLFMYQ LLRGLKYIHSANVLHRDLKPANIFISTEDLVLKIGDFGLARIVDQHYSHKGYLSEGLVTKWYRSPRL LSPNNYTKAIDMWAAGCILAEMLTGRMLFAGAHELEQMQLILETIPVIREEDKDELLRVMPFSVSST WEVKRPLRKLLPEVNSEIDFLEKILTFNPMDRLTAEMGLQHPYMSPYSCPEDEPTSQHPFRIED EIDIVLMAANQSQLSNWDTCSRYPVSLSSDLEWRPDRCQDASEVQRDPRAGSAPLAEDVQV DPRKDSHSSSERFLEQSHSSMERAFEADYGRSCDYKVGSPSYLDKLLWRDNKPHHYSEPKLILD LSHWKQAAGAPPTATGLADTGAREDEPASLFLEIAQWVKSTQGGPEHASPPADDPERRLSASP PGRPAPVDGGASPQFDLDVFISRALKLCTKPEDLPDNKLGDLNGACIPEHPGDLVQTEAFSKER W
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	64.6
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MAPK4

Entrez GeneID [5596](#)

GeneBank Accession# [HQ258629.1](#)

Protein Accession# [ADR83381.1](#)

Gene Name MAPK4

Gene Alias ERK3, Erk4, PRKM4, p63MAPK

Gene Description mitogen-activated protein kinase 4

Omim ID [176949](#)

Gene Ontology [Hyperlink](#)

Gene Summary Mitogen-activated protein kinase 4 is a member of the mitogen-activated protein kinase family. Tyrosine kinase growth factor receptors activate mitogen-activated protein kinases which then translocate into the nucleus where it phosphorylates nuclear targets. [provided by RefSeq]

Other Designations Erk3-related

Pathway

- [MAPK signaling pathway](#)