

# Human MAPK1 Recombinant Protein



RPPB2568

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## Product Information    Protein Information

**Product SKU:**

RPPB2568

**Accession:**

P28482

**Host:**

Escherichia Coli.

**Protein description:**

MAPK1 Recombinant (extracellular signal-regulated kinase) a Mitogen-Activated Protein Kinase, is a highly active form produced by phosphorylation of the purified ERK2/MAPK1 in vitro with MEK1 is a non-glycosylated polypeptide having a molecular mass of 44.6 kDa. MAPK1 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Mitogen-activated protein kinase 1, EC 2.7.11.24, Extracellular signal-regulated kinase 2, ERK-2, Mitogen-activated protein kinase 2, MAP kinase 2, MAPK 2, p42-MAPK, ERT1, ERK, p38, p40, p41, ERK2, MAPK2, PRKM1, PRKM2, P42MAPK, p41mapk.

**Formulation:**

MAPK1 is supplied containing 50mM Tris-HCL, 150mM NaCl, 2mM DTT, pH 8.0, 100 Units\*/mg.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

MAPK1 should be stored at 4°C if entire vial will be used within 2-4 weeks. For long term storage it is recommended to store at -20°C. Avoid multiple freeze-thaw cycles.