

## Mitogen-Activated Protein Kinase 3 Human Recombinant

<b>Item Number</b>	rAP-1297
<b>Synonyms</b>	Mitogen-activated protein kinase 3, EC 2.7.11.24, Extracellular signal-regulated kinase 1, ERK-1, Insulin-stimulated MAP2 kinase, MAP kinase 1, MAPK 1, p44-ERK1, ERT2, p44-MAPK, Microtubule-associated protein 2 kinase, ERK1, PRKM3, P44ERK1, P44MAPK, HS44K
<b>Description</b>	ERK1/MAPK3 Recombinant is a highly active form produced by phosphorylation of the purified ERK1/MAPK3 in vitro with MEK1 is a non-glycosylated polypeptide having a molecular mass of 43.6 kDa. ERK1/MAPK3 is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P27361
<b>Amino Acid Sequence</b>	
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	ERK1 is supplied containing 50mM Tris-HCl, 150mM NaCl, 2mM DTT, 5mM EDTA, pH 8.0. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**