

Mitogen-Activated Protein Kinase 3 Human Recombinant, Active

Item Number rAP-1296

Synonyms 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

Description 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.

Uniprot Accesion Number P27361

Amino Acid Sequence

Source Escherichia Coli.

Physical Appearance and Stability 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.

Formulation and Purity ERK1/MAPK3 is supplied as 0.15mg/ml containing 50mM Tris-HCl, 150mM NaCl, 1mM DTT, 50% glycerol, pH 8.5. Greater than 95% as determined by SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition 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**