

**Product:** ERK1/MAPK3 Active Enzyme, human, recombinant  
**Catalog #:** 12-4349  
**Amount:** 2 µg

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**DESCRIPTION:** Recombinant human ERK1/MAPK3 (rHuERK1)  
rHuERK1 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 43.6kDa.

**SOURCE:** *Escherichia coli*

**PURITY:** > 95%, as determined by SDS-PAGE

**UNIT DEFINITION:** 1U = 1pmol/min myelin basic protein at 30°C  
No protease activity detectable

**BIOLOGICAL ACTIVITY:** 164,600 Units/mg

**FORM:** Purified, in 50 mM TrisHCl, 1 mM DTT, 50% glycerol, pH 8.5

**STORAGE:** -20°C (aliquot), avoid freezing and thawing cycles

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