

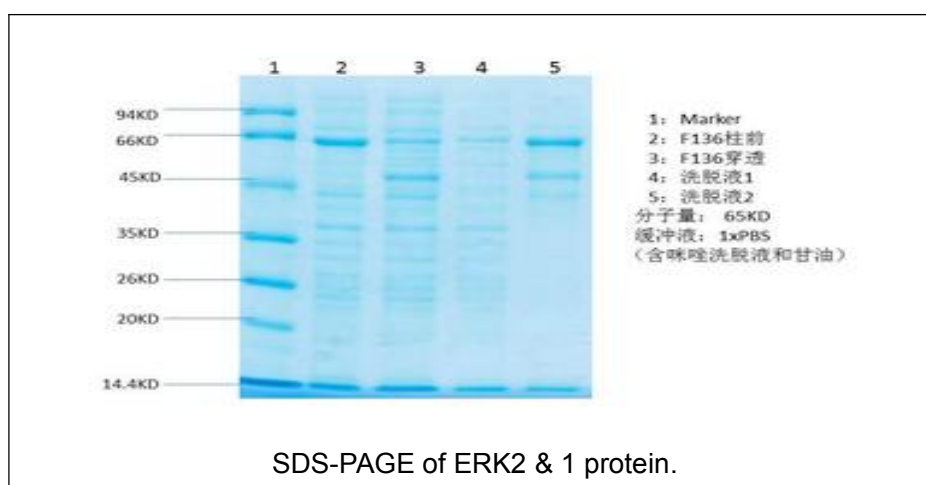


ERK2 & 1 protein

E20-80028**Catalog No:** E20-80028**Applications:** WB, SDS-PAGE**Reactivity:** Human**Gene Name:** MAPK1/MAPK3**Protein Name:** ERK2 & 1 protein**Sequence:** Amino acid: 246-360, with his-MBP tag.**Human Gene Id:** 5595/5594**Human Swiss Prot No:** P27361/P28482**Formulation:** Liquid in PBS**Concentration:** SDS-PAGE >90%**Storage Stability:** -20°C/6 month, -80°C for long storage

Background: catalytic activity: ATP + a protein = ADP + a, phosphoprotein., cofactor: Magnesium m., domain: The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases

Function: protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process, cell cycle, intracellular signaling cascade

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