

## Recombinant Human MAPK1 protein, His-tagged

Cat. No. MAPK1-4145H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                               |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human MAPK1 protein(P28482)(375aa), fused with N-terminal His tag, was expressed in E. coli.                                                                      |
| Species          | Human                                                                                                                                                                         |
| Source           | E.coli                                                                                                                                                                        |
| Protein Length   | 375aa(including fusion tag)                                                                                                                                                   |
| Tag              | N-His                                                                                                                                                                         |
| Form             | 20mM Tris.Cl, 50mM NaCl, 20% Glycerol, pH9.0.                                                                                                                                 |
| Molecular Mass   | 43.3kDa(including fusion tag)                                                                                                                                                 |
| Storage          | Store at -80°C and avoid repeated freeze-thaw cycles.                                                                                                                         |
| Reconstitution   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

### GENE INFORMATION

|                 |                                                           |
|-----------------|-----------------------------------------------------------|
| Gene Name       | MAPK1 mitogen-activated protein kinase 1 [ Homo sapiens ] |
| Official Symbol | MAPK1                                                     |

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**Synonyms** MAPK1; mitogen-activated protein kinase 1; PRKM1, PRKM2; ERK; ERK2; MAPK2; p41mapk; ERK-2; MAPK 2; p42-MAPK; MAP kinase 1; MAP kinase 2; MAP kinase isoform p42; protein tyrosine kinase ERK2; mitogen-activated protein kinase 2; extracellular signal-regulated kinase 2; p38; p40; p41; ERT1; PRKM1; PRKM2; P42MAPK;

**Gene ID** 5594

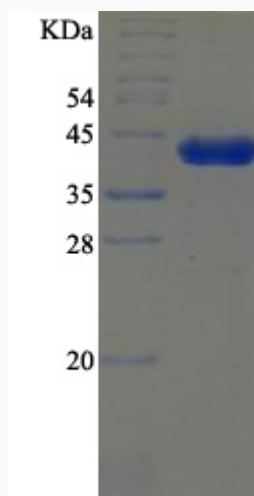
**mRNA Refseq** NM\_002745

**Protein Refseq** NP\_002736

**MIM** 176948

**UniProt ID** P28482

**SDS-PAGE**



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