

## Recombinant Human ERK3 / MAPK12 / P38-gamma Protein

db58333

Package : 10µg 50µg 100µg 1mg

**Product Name** : Recombinant Human ERK3 / MAPK12 / P38-gamma Protein**Cat.No.:** db58333**Synonyms** : ERK-6;ERK3;ERK6;MAPK12;P38GAMMA;PRKM12;SAPK-3;SAPK3**Application** : Positive Control, Immunogen, SDS-PAGE, WB**Expression host** : Baculovirus-Insect Cells**Species** : Human**Background**

Atypical MAPK protein. Phosphorylates microtubule-associated protein 2 (MAP2) and MAPKAPK5. The precise role of the complex formed with MAPKAPK5 is still unclear, but the complex follows a complex set of phosphorylation events: upon interaction with atypical MAPKAPK5, ERK3/MAPK6 is phosphorylated at Ser-189 and then mediates phosphorylation and activation of MAPKAPK5, which in turn phosphorylates ERK3/MAPK6. May promote entry in the cell cycle

**Gene ID**

5597

**Swiss Prot**

Q16659

**Synonyms**

ERK-6;ERK3;ERK6;MAPK12;P38GAMMA;PRKM12;SAPK-3;SAPK3

**Application**

Positive Control, Immunogen, SDS-PAGE, WB

**Molecular Weight**

42.1 kDa

**Species**

Human

**Purity**

&gt;85% as determined by SDS-PAGE.

**Seq**

Met 1-Leu 367

**Formulation**

Freeze-dried powder

**Storage Stability**

Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Avoid repeated freeze/thaw cycles.

