



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

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Molecular Weight 42.1 kDa

Species Human

Purity >85% as determined by SDS-PAGE.

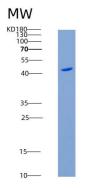
Seq Met 1-Leu 367

Formulation Freeze-dried powder

cycles.







15% SDS PAGE(reduced) analysis of Recombinant Human ERK3 / MAPK12 / P38-gamma Protein