

MEK4 protein

Catalog No :	YD0068
Reactivity :	Human
Applications :	WB;SDS-PAGE
Gene Name :	MAP2K4
Protein Name :	MEK4 protein
Sequence :	Amino acid: 218-362, with his-MBP tag.
Human Gene Id :	6416
Human Swiss Prot No :	P45985
Mouse Swiss Prot No :	P47809
Formulation :	Liquid in PBS
Source :	E.coli
Dilution :	WB 1:500-2000
Concentration :	SDS-PAGE >90%
Storage Stability :	-20 °C/6 month,-80 °C for long storage
Background :	<p>catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Dual specificity kinase that activates the JUN kinases MAPK8 (JNK1) and MAPK9 (JNK2) as well as MAPK14 (p38) but not MAPK1 (ERK2) or MAPK3 (ERK1).,PTM:Activated by phosphorylation on Ser/Thr by MAP kinase kinase kinases.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with SPAG9.,tissue specificity:Abundant expression is seen in the skeletal muscle. It is also widely expressed in other tissues.,</p>

MAPKKK cascade, protein amino acid phosphorylation, phosphorus metabolic

Function : process, phosphate metabolic process, intracellular signaling cascade, protein kinase cascade, JNK cascade, phosphorylation, stress-activated protein kinase signaling pathway, cellular response to stress,

Subcellular Location : Cytoplasm . Nucleus .

Expression : Abundant expression is seen in the skeletal muscle. It is also widely expressed in other tissues.

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