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P38delta, Active recombinant protein

p38, mitogen-activated protein kinase 13
Catalog # PBV11329r

Specification

P38delta, Active recombinant protein - Product info

Primary Accession	O15264
Concentration	0.1
Calculated MW	71.0 kDa KDa

P38delta, Active recombinant protein - Additional Info

Gene ID	5603
Gene Symbol	MAPK13

Other Names
p38, mitogen-activated protein kinase 13

Source	Baculovirus (Sf9 insect cells)
Assay&Purity	SDS-PAGE; ≥80%
Assay2&Purity2	HPLC;
Recombinant	Yes

Format
Liquid

Storage
-80°C; Recombinant proteins in storage buffer (50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 0.25 mM DTT, 0.1 mM EGTA, 0.1 mM EDTA, 0.1 mM PMSF, 25% glycerol).

P38delta, Active recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

P38delta, Active recombinant protein - Images

P38delta, Active recombinant protein - Background

Mitogen-activated protein kinase (MAPK) cascades represent one of the major signal systems used by eukaryotic cells to transduce extracellular signals into cellular responses, and involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The stress-activated protein kinase 4 (SAPK4), or p38 delta, is a member of the MAPK

family that are activated by chemical and environmental stresses as well as by proinflammatory cytokines. SAPK4 has a TGY dual phosphorylation motif and is activated in response to cellular stresses and proinflammatory cytokines (1). MAP kinase kinases 3, and 6 can phosphorylate and activate this kinase. Transcription factor ATF2, and microtubule dynamics regulator stathmin have been shown to be the substrates of this kinase (2).