

Recombinant Human p38 gamma/MAPK12 protein ab45160

画像数 1

製品の詳細

製品名	Recombinant Human p38 gamma/MAPK12 protein
精製度	> 90 % SDS-PAGE. Affinity purified.
発現系	Baculovirus infected Sf9 cells
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human

特性

Our **Abpromise guarantee** covers the use of **ab45160** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

製品の状態	Liquid
備考	Recombinant full-length human MAPK 12 was expressed by baculovirus in Sf9 insect cells.

前処理および保存

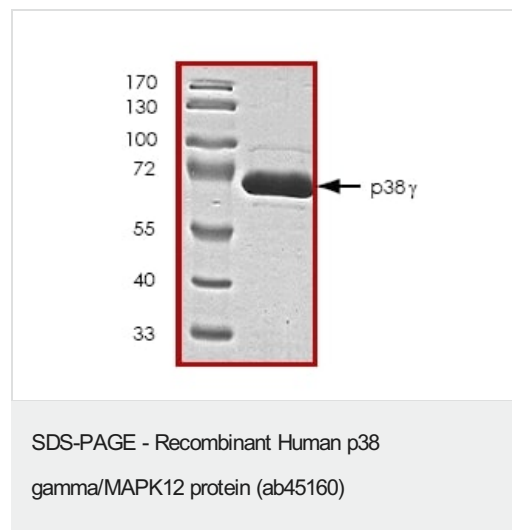
保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.0418% EGTA, 0.00174% PMSF, 0.385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
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関連情報

機能	Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating downstream targets. Plays a role in myoblast differentiation and also in the down-regulation of cyclin D1 in response to hypoxia in adrenal cells suggesting MAPK12 may inhibit cell proliferation while promoting differentiation.
組織特異性	Highly expressed in skeletal muscle and heart.

配列類似性	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily. Contains 1 protein kinase domain.
ドメイン	The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.
翻訳後修飾	Dually phosphorylated on Thr-183 and Tyr-185, which activates the enzyme.
細胞内局在	Cytoplasm. Mitochondrion. Mitochondrial when associated with SH3BP5.

画像



Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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