abcam

Product datasheet

Recombinant Human p38 gamma/MAPK12 protein ab45160

1 图像

描述

产品名称 重组人p38 gamma/MAPK12蛋白

纯**度** > 90 % SDS-PAGE.

Affinity purified.

表达系统 Baculovirus infected Sf9 cells

蛋白长度 Full length protein

无动**物成分** No

性质 Recombinant

种属 Human

技术指标

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.

形式 Liquid

补充说明 Recombinant full-length human MAPK 12 was expressed by baculovirus in Sf9 insect cells.

制备和贮存

稳定性和存储 Shipped on dry ice. Upon delivery aliquot and store at -80℃. 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

常规信息

功能 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.

组织**特异性** Highly expressed in skeletal muscle and heart.

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序列相似性 Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase

subfamily.

Contains 1 protein kinase domain.

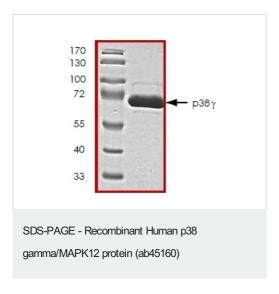
结**构域** The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the

MAP kinases.

翻译后修饰 Dually phosphorylated on Thr-183 and Tyr-185, which activates the enzyme.

细胞定位 Cytoplasm. Mitochondrion. Mitochondrial when associated with SH3BP5.

图片



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