

Product datasheet

Recombinant Human PPP2R5C protein ab114678

1 图像

概述

产品名称	Recombinant人PPP2R5C protein
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Wheat germ

氨基酸序列

Accession	Q13362
种属	Human
序列	MLTCNKAGSRMVVDAANSNGPFQPVVLLHIRDVPPADQEKLFIQKLRQCC VLFDFVSDPLSDLKWKEVKRAALSEMVEYITHNRNVITEPIIYPEVVMFA
分子量	37 kDa including tags
氨基酸	1 to 100

技术指标

Our [Abpromise guarantee](#) covers the use of **ab114678** in the following tested applications.

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

应用	Western blot SDS-PAGE ELISA
形式	Liquid
补充说明	Protein concentration is above or equal to 0.05 mg/ml. Best used within three months from the date of receipt.

制备和贮存

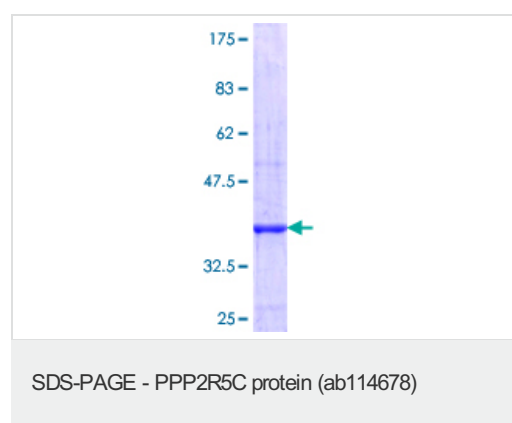
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.3% Glutathione, 0.79% Tris HCl

常规信息

功能	The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. The PP2A-PPP2R5C holoenzyme may specifically dephosphorylate and activate TP53 and play a role in DNA damage-induced inhibition of cell proliferation. PP2A-PPP2R5C may also regulate the ERK signaling pathway through ERK dephosphorylation.
组织特异性	Highest levels in heart, skeletal muscle and brain. Lower levels in pancreas, kidney, lung and placenta. Very low levels in liver.
序列相似性	Belongs to the phosphatase 2A regulatory subunit B56 family.
翻译后修饰	Isoform Gamma-3 is phosphorylated on serine residues. Isoform Gamma-1 phosphorylation by ERK2 is IER3-dependent and inhibits ERK dephosphorylation by PP2A-PPP2R5C.
细胞定位	Nucleus. Chromosome > centromere.

图片



ab114678 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

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