

Product datasheet

Recombinant Human NIPP1 protein ab114902

1 图像

概述

产品名称	Recombinant人NIPP1 protein
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Wheat germ

氨基酸序列

Accession	Q12972
种属	Human
序列	RRMQNFAFSGGLYGGLPPTHSEAGSQPHGIHGTALIGGLPMPYPNLAPDV DLTPVVPSAVNMNPAPNPAVYNPEAVNEPKKKKYAKEAWPGKKPTPSLLI
分子量	37 kDa including tags
氨基酸	28 to 127

技术指标

Our [Abpromise guarantee](#) covers the use of **ab114902** 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 use within three months from the date of receipt of this protein.

制备和贮存

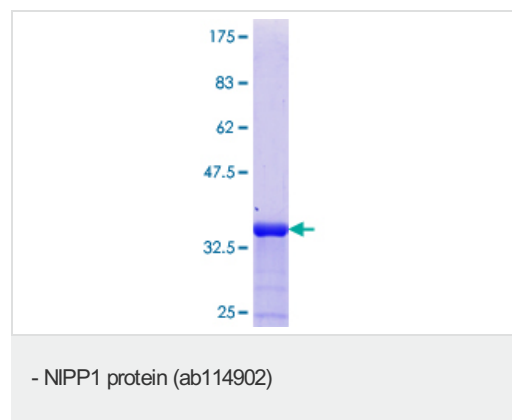
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.3% Glutathione, 0.79% Tris HCl

常规信息

功能	<p>Inhibitor subunit of the major nuclear protein phosphatase-1 (PP-1). It has RNA-binding activity but does not cleave RNA and may target PP-1 to RNA-associated substrates. May also be involved in pre-mRNA splicing. Binds DNA and might act as a transcriptional repressor. Seems to be required for cell proliferation.</p> <p>Isoform Gamma is a site-specific single-strand endoribonuclease that cleaves single strand RNA 3' to purines and pyrimidines in A+U-rich regions. It generates 5'-phosphate termini at the site of cleavage. This isoform does not inhibit PP-1. May be implicated in mRNA splicing.</p>
组织特异性	<p>Ubiquitously expressed, with highest levels in heart and skeletal muscle, followed by brain, placenta, lung, liver and pancreas. Less abundant in kidney. The concentration and ratio between isoforms is cell-type dependent. Isoform Alpha (>90%) and isoform Beta were found in brain, heart and kidney. Isoform Gamma is mainly found in B-cells and T-lymphocytes, and has been found in 293 embryonic kidney cells.</p>
序列相似性	<p>Contains 1 FHA domain.</p>
结构域	<p>Has a basic N- and C-terminal and an acidic central domain.</p>
翻译后修饰	<p>May be inactivated by phosphorylation on Ser-199 or Ser-204 (By similarity). Phosphorylated by Lyn in vitro on Tyr-264, and also on Tyr-335 in the presence of RNA.</p>
细胞定位	<p>Nucleus. Nucleus speckle. Primarily, but not exclusively, nuclear and Cytoplasm. Found mainly in the cytoplasm.</p>

图片



12.5% SDS-PAGE showing ab114902 at approximately 36.63kDa.
Stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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