

Product datasheet

Recombinant Human INPP5A protein ab116980

[1 Image](#)

Overview

Product name Recombinant Human INPP5A protein

Protein length Protein fragment

Description

Nature Recombinant

Source Wheat germ

Amino Acid Sequence

Accession [Q14642](#)

Species Human

Sequence YFNQEVFRDNNGTALLEFDKELSVFKDRLYELDISFPSPYPYSEDARQGE
QYMNTRCPAWCDRILMSPSAKELVLRVSVCCPSPGHRGMWSAGSGLAQPW

Molecular weight 37 kDa including tags

Amino acids 288 to 387

Specifications

Our [Abpromise guarantee](#) covers the use of **ab116980** in the following tested applications.

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

Applications Western blot

SDS-PAGE

ELISA

Form Liquid

Additional notes Protein concentration is above or equal to 0.05 mg/ml.
Best used within three months from the date of receipt.

Preparation and Storage

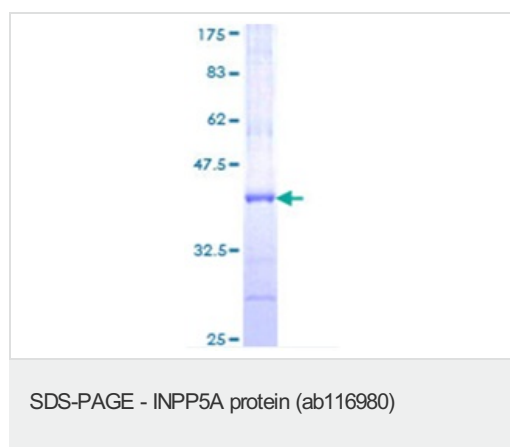
Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Function	Major isoenzyme hydrolyzing the calcium-mobilizing second messenger Ins(1,4,5)P ₃ , this is a signal-terminating reaction.
Tissue specificity	Brain; high level in Purkinje cells.
Sequence similarities	Belongs to the inositol-1,4,5-trisphosphate 5-phosphatase type I family.
Cellular localization	Membrane.

Images



12.5% SDS-PAGE Stained with Coomassie Blue.

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