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Datasheet for ABIN7538487

## PIP Protein (AA 29-146) (Fc Tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	PIP
Protein Characteristics:	AA 29-146
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIP protein is labelled with Fc Tag.

#### Product Details

Purpose:	Recombinant human PIP Protein with C-terminal human Fc tag
Specificity:	PIP (Gln29-Glu146) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

#### Target Details

Target:	PIP
Alternative Name:	PIP ( <a href="#">PIP Products</a> )
Background:	Enables IgG binding activity, aspartic-type endopeptidase activity, and identical protein binding

## Target Details

activity. Involved in several processes, including detection of chemical stimulus involved in sensory perception of bitter taste, negative regulation of T cell apoptotic process, and proteolysis. Located in extracellular space and nucleus. [provided by Alliance of Genome Resources, Apr 2022]

**Molecular Weight:** predicted molecular mass of 39.7 kDa after removal of the signal peptide. The apparent molecular mass of PIP-hFc is 35-55 kDa due to glycosylation.

**UniProt:** [P12273](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

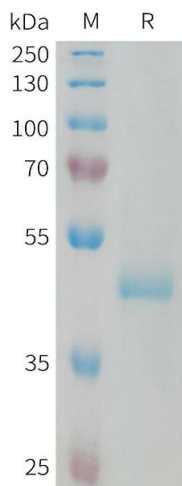
**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

**Storage:** -20 °C,-80 °C

**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

**Expiry Date:** 12 months

## Images



### SDS-PAGE

**Image 1.** Human PIP Protein, hFc Tag on SDS-PAGE under reducing condition.