PRODUCT INFORMATION

Target	PIP
Synonyms	GPIP4;BRST-2;GCDFP15;GCDFP-15
Description	Recombinant human PIP Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P12273
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	PIP(Gln29-Glu146) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 39.7 kDa after removal of the signal peptide. The apparent molecular mass of PIP-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	Enables IgG binding activity; aspartic-type endopeptidase activity; and identical protein binding 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]
Usage	Research use only
Conjugate	Unconjugated

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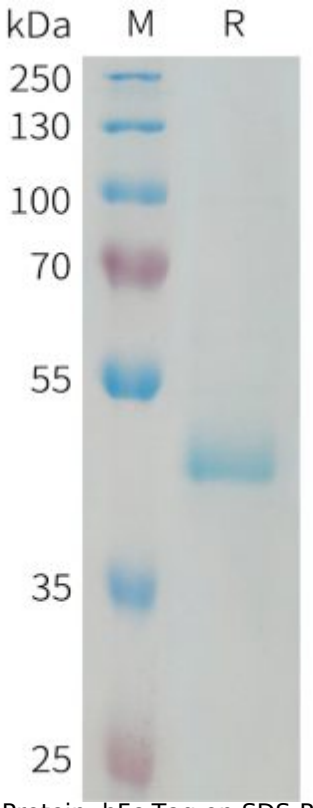


Figure 1. Human PIP Protein, hFc Tag on SDS-PAGE under reducing condition.

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