

**HUMAN PIP PROTEIN**

目录: 12257

产品名称: Human PIP Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: GPIP4;BRST-2;GCDFP15;GCDFP-15

**Target:** PIP

**UNIPROT ID:** P12273

**描述:** Recombinant human PIP Protein with C-terminal human Fc tag

**背景:** 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]

**Species/Host:** HEK293

**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.

**Molecular Characterization:** PIP(Gln29–Glu146) hFc(Glu99–Ala330)

**纯化::** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**储存和运输:** 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.

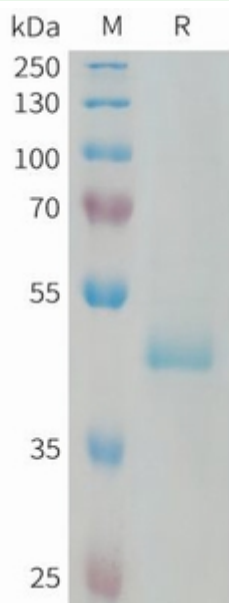


Figure 1. Human PIP Protein, hFc Tag on SDS-PAGE under reducing condition.