HUMAN PTTG1IP PROTEIN, HFC TAG

Cat.#: 11821

Product Name: Human PTTG1IP Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: C21orf1;C21orf3;PBF

Target: PTTG1IP

UNIPROT ID: P53801

Description: Recombinant Human PTTG1IP Protein with C-terminal human Fc tag

Background: This gene encodes a single-pass type I integral membrane protein, which binds to pituitary tumor-transforming 1 protein (PTTG1), and facilitates translocation of PTTG1 into the nucleus. Coexpression of this protein and PTTG1 induces transcriptional activation of basic fibroblast growth factor. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2013]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 33.1 kDa after removal of the signal peptide. The apparent molecular mass of PTTG1IP-hFc is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: PTTG1IP(Gln33-Glu96) hFc(Glu99-Ala330)

Purity: 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.

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.

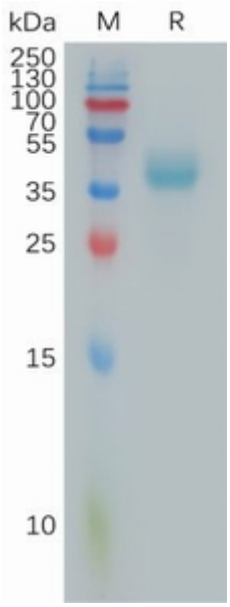

Figure 1. Human PTTG1IP Protein, hFc Tag on SDS-PAGE under reducing condition.