

## 32-18268: Human PTGFRN Protein, His Tag

**Uniprot ID :** Q9P2B2

**Alternative Name :** CD9P-1;CD315;EWI-F;FPRP;SMAP-6

### Description

**Description :** Recombinant Human PTGFRN Protein with C-terminal 6×His tag

**Background :** Inhibits the binding of prostaglandin F2-alpha (PGF2-alpha) to its specific FP receptor, by decreasing the receptor number rather than the affinity constant. Functional coupling with the prostaglandin F2-alpha receptor seems to occur (By similarity). In myoblasts, associates with tetraspanins CD9 and CD81 to prevent myotube fusion during muscle regeneration (By similarity).[UniProtKB/Swiss-Prot Function]

**Molecular Characterization:** mass of 91.0 kDa after removal of the signal peptide. The apparent molecular mass of PTGFRN-His is approximately 100-130 kDa due to glycosylation.

**Tag :** C-6×His Tag

### Product Info

**Amount :** 50 µg / 100 µg

**Purification :** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

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

**Storage condition :** 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.

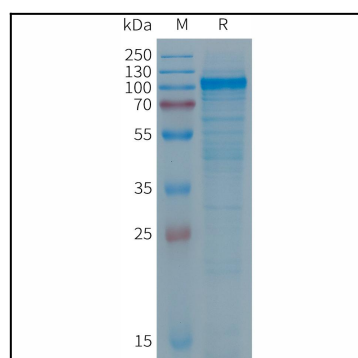


Figure 1. Human PTGFRN Protein, His Tag on SDS-PAGE under reducing condition.