PRODUCT INFORMATION

Target	PTGFRN
Synonyms	CD9P-1;CD315;EWI-F;FPRP;SMAP-6
Description	Recombinant Human PTGFRN Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9P2B2
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	PTGFRN(Val26-Lys830) 6×His tag
Molecular Weight	The protein has a predicted molecular 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.
Purity	The purity of the protein is greater than 85% 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	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]
Usage	Research use only
Conjugate	Unconjugated

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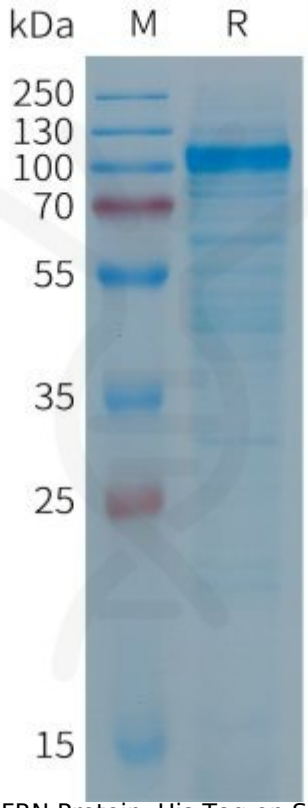


Figure 1.Human PTGFRN Protein, His Tag on SDS-PAGE under reducing condition.

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