

Recombinant Human PTGFRN protein, His-tagged

Cat. No. PTGFRN-2047H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTGFRN protein(28-376 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	28-376 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	TATLVRVVGTELVIPCNVSDYDGPSEQNFDWSFSSLGSSFVELASTWEVGFPALY QERLQRGEILLRRTANDAVELHIKNVQPSDQGHYKCSTPSTDATVQGNYEDTVQVK VLADSLHVGPSARPPPSLSLREGEPPFELRCTAASASPLHTHLALLWEVHRGPARRS VLALTHEGRFHPGLGYEQRYHSGDVRLDTVGSDAYRLSVSRALSADQGSYRCIVSE WIAEQGNWQEIQEKAVEVATVVIQPSVLRAAVPKNVSAEGKELDTCNITTDRAADD VRPEVTWSFSRMPDSTLPGSRVLARLDRDSLHSSPHVALSHVDARSYHLLVRDVS KENS GYYYCHVS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

 Tel: 1-631-559-9269 1-516-512-3133

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name PTGFRN prostaglandin F2 receptor negative regulator [Homo sapiens]

Official Symbol PTGFRN

Synonyms FPRP; CD315; EWI-F; CD9P-1; SMAP-6

Gene ID 5738

mRNA Refseq NM_020440.2

Protein Refseq NP_065173.2

MIM 601204

UniProt ID Q9P2B2

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SDS-PAGE

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