

Datasheet for ABIN7491495

PTGFRN Protein (AA 26-830) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	PTGFRN
Protein Characteristics:	AA 26-830
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTGFRN protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PTGFRN Protein with C-terminal 6xHis tag
Specificity:	PTGFRN (Val26-Lys830) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	PTGFRN
Alternative Name:	PTGFRN (PTGFRN Products)
Background:	Inhibits the binding of prostaglandin F2-alpha (PGF2-alpha) to its specific FP receptor, by

Target Details

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 Weight: predicted molecular mass of 91.0 kDa after removal of the signal peptide. The apparent molecular mass of PTGFRN-His is 100-130 kDa due to glycosylation.

UniProt: [Q9P2B2](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

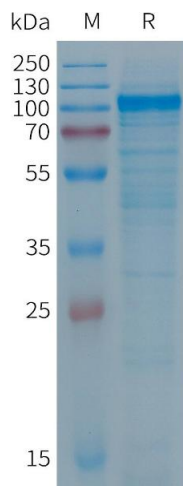
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months

Images



SDS-PAGE

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