

Datasheet for ABIN7563253
PTGFR Protein (AA 1-366) (His tag)



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Overview

Quantity:	1 mg
Target:	PTGFR
Protein Characteristics:	AA 1-366
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTGFR protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ptgfr Protein expressed in mammalien cells.
Sequence:	<p>MSMNSSKQPV SPAAGLIANT TCQTENRLSV FFSIIFMTVG ILSNSLAIAI LMKAYQRFRQ KSKASFLLLA SGLVITDFFG HLINGGIAVF VYASDKDWIR FDQSNILCSI FGISMVFSGL CPLFLGSAMA IERCIGVTNP IFHSTKITSK HVKMILSGVC MFAVFVAVLP ILGHRDYQIQ ASRTWCFYNT EHIEDWEDRF YLLFFSFLGL LALGVSFSCN AVTGVTLLRV KFRSQQHRQG RSHHLEMIQ LLAIMCVSCV CWSPFLVTMA NIAINGNNSP VTCETTLFAL RMATWNQILD PWVYILLRKA VLRNLYKLAS RCCGVNIISL HIWELSSIKN SLKVAAISES PAAEKESQQA SSEAGL</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	PTGFR
Alternative Name:	Ptgfr (PTGFR Products)
Background:	Prostaglandin F2-alpha receptor (PGF receptor) (PGF2-alpha receptor) (Prostanoid FP receptor),FUNCTION: Receptor for prostaglandin F2-alpha (PGF2-alpha). The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. Initiates luteolysis in the corpus luteum (By similarity). {ECO:0000250}.
Molecular Weight:	40.7 kDa
UniProt:	P43117

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months