Prostaglandin F2 Receptor Negative Regulator (PTGFRN) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Prostaglandin F2 receptor negative regulator (Ptgfrn), Recombinant Protein
Full Product Name	Recombinant Rat Prostaglandin F2 receptor negative regulator (Ptgfrn) , partial
Product Gene Name	Ptgfrn recombinant protein
Product Synonym Gene Name	Ptgfrn
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	98,731 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q62786
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ptgfrn recombinant protein	MBS1414349 is a recombinant protein targeting Ptgfrn. Also known as Recombinant Rat Prostaglandin F2 receptor negative regulator (Ptgfrn) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Ptgfrn recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Ptgfrn. It may not necessarily be applicable to this product.

NCBI GI #	9507007
NCBI GeneID	29602
NCBI Accession #	NP_062116.1
UniProt Primary Accession #	Q62786
UniProt Related Accession #	Q62786
GenBank Nucleotide #	NM_019243.1
NCBI Official Full Name	prostaglandin F2 receptor negative regulator
NCBI Official Synonym Full Names	prostaglandin F2 receptor inhibitor
NCBI Official Symbol	Ptgfrn

UniProt Protein Name	Prostaglandin F2 receptor negative regulator
UniProt Synonym Protein Names	Prostaglandin F2-alpha receptor regulatory protein; Prostaglandin F2-alpha receptor-associated protein; CD_antigen: CD315
Protein Family	Prostaglandin F2 receptor negative regulator
UniProt Gene Name	Ptgfrn
UniProt Synonym Gene Names	Fprp
NCBI Protein Information	prostaglandin F2 receptor negative regulator
NCBI Summary for Ptgfrn	binds prostaglandin F2 alpha and inhibits its binding to the prostaglandin F2 alpha receptor [RGD, Feb 2006]
UniProt Comments for Ptgfrn	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.
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