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Datasheet for ABIN7491275

Prokineticin Receptor 1 Protein (PROKR1) (Fc Tag)

Overview

Quantity:	100 µg
Target:	Prokineticin Receptor 1 (PROKR1)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Prokineticin Receptor 1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human PROKR1 Protein with C-terminal human Fc tag
Specificity:	PROKR1 (Met1-Lys62) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	Prokineticin Receptor 1 (PROKR1)
Alternative Name:	PROKR1 (PROKR1 Products)
Background:	<p>GPR73, GPR73a, PK-R1, PKR1, ZAQ</p> <p>Description: This gene encodes a member of the G-protein-coupled receptor family. The encoded protein binds to prokineticins (1 and 2), leading to the activation of MAPK and STAT signaling pathways. Prokineticins are protein ligands involved in angiogenesis and</p>

Target Details

inflammation. The encoded protein is expressed in peripheral tissues such as those comprising the circulatory system, lungs, reproductive system, endocrine system and the gastrointestinal system. The protein may be involved in signaling in human fetal ovary during initiation of primordial follicle formation. Sequence variants in this gene may be associated with recurrent miscarriage. [provided by RefSeq, Aug 2016]

Molecular Weight: predicted molecular mass of 33.1 kDa after removal of the signal peptide. The apparent molecular mass of PROKR1-hFc is 35-70 kDa due to glycosylation.

UniProt: [Q8TCW9](#)

Pathways: [Hedgehog Signaling](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Myometrial Relaxation and Contraction](#), [G-protein mediated Events](#), [Interaction of EGFR with phospholipase C-gamma](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 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