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Datasheet for ABIN7504562

VIPR2 Protein (AA 24-126) (mFc Tag)

Overview

Quantity:	100 µg
Target:	VIPR2
Protein Characteristics:	AA 24-126
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VIPR2 protein is labelled with mFc Tag.

Product Details

Purpose:	Human VIPR2 Protein
Sequence:	Glu24-Val126
Characteristics:	Recombinant Human VIPR2 Protein is expressed from HEK293 with mFc tag at the C-terminus. It contains Glu24-Val126.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	VIPR2
Alternative Name:	VIPR2 (VIPR2 Products)

Target Details

Background:	Effects of vasoactive intestinal peptide (VIP) on T cell migration are mediated by structurally distinct types I (VIPR1) and II (VIPR2) G protein-associated receptors. The two receptor types were proposed to transduce opposite effects on human T cells, since cytokine-induced chemotaxis of VIPR1-bearing HuT 78 human T cells, in contrast to T cells that express VIPR2, was inhibited by VIP.
Molecular Weight:	37.35 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Tris-Bis PAGE result.
Pathways:	cAMP Metabolic Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months