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Datasheet for ABIN7504429

IL1RAPL2 Protein (AA 17-354) (Fc Tag)

Overview

Quantity:	100 µg
Target:	IL1RAPL2
Protein Characteristics:	AA 17-354
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1RAPL2 protein is labelled with Fc Tag.

Product Details

Purpose:	Human IL-1 R9 Protein
Sequence:	Thr17-Lys354
Characteristics:	Recombinant Human IL-1 R9 Protein is expressed from HEK293 with hFc tag at the C-terminus. It contains Thr17-Lys354.
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:	IL1RAPL2
Alternative Name:	IL-1 R9 (IL1RAPL2 Products)

Target Details

Background: The interleukin 1 receptor (IL-1R) and the Toll-like receptors (TLRs) are highly homologous innate immune receptors that provide the first line of defense against infection. IL-1R have appeared for functions that do not require IL-1 ligand binding is supported by the case of the orphan receptors IL-1R10 and IL-1R9, which do not have known ligands and that have non-immune functions in the brain.

Molecular Weight: 65.66 kDa. Due to glycosylation, the protein migrates to 75-95 kDa based on Tris-Bis PAGE result.

UniProt: [Q9NP60](#)

Application Details

Restrictions: For Research Use only

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