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Datasheet for ABIN7317311 IL17 Receptor B Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	IL17 Receptor B (IL17RB)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL17 Receptor B protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human IL17BR/IL17RB Protein (Fc Tag)(Active)
Sequence:	Met 1-Gly289
Characteristics:	A DNA sequence encoding the human IL17BR (NP_061195.2) (Met1-Gly289) was expressed with the Fc region of human IgG1 at the C-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized human IL17BR-Fc at 10µg/mL (100µL/well) can bind biotinylated human Fc-IL25. The EC50 of human Fc-IL25 is 4.5-10.4ng/mL.

Target Details

Target:	IL17 Receptor B (IL17RB)
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Target Details

Alternative Name: IL17BR/IL17RB ([IL17RB Products](#))

Background: Background: R-spondin-2, also known as RSP02, synergizes with Wnt to activate beta-catenin. RSP02 is secreted proteins that regulate beta-catenin signaling. Activator of the beta-catenin signaling cascade leads to TCF-dependent gene activation. Action both in the canonical Wnt / beta- catenin-dependent pathway, possibly via a direct interaction with Wnt proteins, and in a Wnt-independent beta catenin pathway through a receptor signaling pathway that may not use frizzled / LRP receptors. Probably also acts as a ligand for frizzled and LRP receptors. The encoding gene Rspo2 was identified as a novel common integration site for the mouse mammary tumor virus in viral induced mouse mammary tumors. Rspo2 and Rspo2 / Wnt1 tumors contained many spindle cells, consistent with an epithelial-mesenchymal transformation phenotype. When Rspo2 and Rspo2 / Wnt1 tumor cells were transferred into naive mice, they exhibited greater metastatic activity than cells derived from Wnt1 tumors. Synonym: CRL4,EVI27,IL17BR,IL17RH1

Molecular Weight: 56.9 kDa

NCBI Accession: [NP_061195](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.