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Datasheet for ABIN7488923 **IL12RB2 Protein (His tag)**

Overview

Quantity:	100 µg
Target:	IL12RB2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL12RB2 protein is labelled with His tag.

Product Details

Purpose:	Human IL-12 R beta 2 Protein, His Tag (MALS verified)
Sequence:	Lys 24 - Asn 622
Characteristics:	Human IL-12 R beta 2, His Tag is expressed from human 293 cells (HEK293). It contains AA Lys 24 - Asn 622 (Accession # Q99665-1).
Purity:	95 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

Target:	IL12RB2
Alternative Name:	IL-12 R beta 2 (IL12RB2 Products)
Background:	The human IL-12 R subunit is a member of the cytokine receptor superfamily and the functional

Target Details

high-affinity IL-12R is composed of at least two beta-type cytokine receptor subunits, each independently exhibiting a low affinity for IL-12. IL-12RB2 is the signaling component coupling to the JAK2/STAT4 pathway. Promotes the proliferation of T-cells as well as NK cells. Induces the promotion of T-cells towards the Th1 phenotype by strongly enhancing IFN-gamma production. IL-12B2 gene acts as tumor suppressor in human acute and chronic B-cell leukemias/lymphomas, IL-12R beta 2 directly restrains multiple myeloma cell growth, and targeting of IL-12 to tumor cells holds promise as new therapeutic strategy.

Molecular Weight: 70.0 kDa

Pathways: [JAK-STAT Signaling](#)

Application Details

Comment: This protein carries a polyhistidine tag at the C-terminus. (10xHis) The protein has a calculated MW of 70.0 kDa. The protein migrates as 66 kDa and 80-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Storage Comment: -20°C