

Datasheet for ABIN7447938
IL12RB1 Protein (Biotin,His-Avi Tag)



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Overview

Quantity:	200 µg
Target:	IL12RB1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL12RB1 protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Biotinylated Human IL-12 R beta 1 / CD212 Protein, His,Avitag™ (MALS verified)
Sequence:	Cys 24 - Glu 540
Characteristics:	Biotinylated Human IL-12 R beta 1, His,Avitag is expressed from human 293 cells (HEK293). It contains AA Cys 24 - Glu 540 (Accession # P42701-1).
Purity:	95,00 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

Target:	IL12RB1
Alternative Name:	IL-12 R beta 1 (IL12RB1 Products)
Background:	Synonyms:IL-12 R beta 1,IL12RB1,CD212,IL12R,IL12RB,IL-12RB1,Description:The human IL-12

Target Details

R subunit is a member of the cytokine receptor superfamily and the functional 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-12 R beta 1 (Interleukin-12 receptor subunit beta-1) is also known as IL-12RB1, CD212. Functions as an interleukin receptor which binds interleukin-12 with low affinity and is involved in IL12 transduction. Associated with IL12RB2 it forms a functional, high affinity receptor for IL12. Associates also with IL23R to form the interleukin-23 receptor which functions in IL23 signal transduction probably through activation of the Jak-Stat signaling cascade.

Molecular Weight: 60.7 kDa

NCBI Accession: [NP_005526](#)

Pathways: [JAK-STAT Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

Application Details

Comment: This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™). The protein has a calculated MW of 60.7 kDa. The protein migrates as 70-80 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