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Datasheet for ABIN7504432
IL12RB1 Protein (AA 24-540) (Fc Tag)

Overview

Quantity:	100 µg
Target:	IL12RB1
Protein Characteristics:	AA 24-540
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL12RB1 protein is labelled with Fc Tag.

Product Details

Purpose:	Human IL-12 R beta 1/CD212 Protein
Sequence:	Cys24-Glu540
Characteristics:	Recombinant Human IL-12 R beta 1/CD212 Protein is expressed from HEK293 with hFc tag at the C-terminus. It contains Cys24-Glu540.
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:	IL12RB1
Alternative Name:	IL-12 R beta 1 (IL12RB1 Products)

Target Details

Background:	Human IL12RB1 is an autosomal gene that is essential for mycobacterial disease resistance and T cell differentiation. Lung and T cell IL12RB1 expression is allele-biased, and the extent to which cells express one IL12RB1 allele is unaffected by activation. Furthermore following its expression the IL12RB1 pre-mRNA is processed into either IL12RB1 Isoform 1 (IL12Rβ1, a positive regulator of IL12 responsiveness) or IL12RB1 Isoform 2 (a protein of heretofore unknown function).
Molecular Weight:	83.85 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based on Tris-Bis PAGE result.
Pathways:	JAK-STAT Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months