

Active Recombinant Human IL22RA1, HlgG1 Fc-tagged

Cat. No. IL22RA1-791H Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human IL-22RA1 (AAH29273.1)(Pro18-Thr228) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell.
Species	Human
Source	CHO
Protein Length	18-228 a.a.
Description	The protein encoded by this gene belongs to the class II cytokine receptor family, and has been shown to be a receptor for interleukin 22 (IL22). IL22 receptor is a protein complex that consists of this protein and interleukin 10 receptor, beta (IL10BR/CRFB4), a subunit also shared by the receptor complex for interleukin 10 (IL10). This gene and interleukin 28 receptor, alpha (IL28RA) form a cytokine receptor gene cluster in the chromosomal region 1p36.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit IL-22-induced IL-10 secretion by COLO 205 human colorectal adenocarcinoma cells.
Molecular Mass	50KDa (monomer)
AA Sequence	Pro18-Thr228

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Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	IL22RA1 interleukin 22 receptor, alpha 1 [Homo sapiens]
Official Symbol	IL22RA1
Synonyms	IL22RA1; interleukin 22 receptor, alpha 1; IL22R, interleukin 22 receptor; interleukin-22 receptor subunit alpha-1; CRF2 9; IL-22RA1; zcytoR11; IL-22R-alpha-1; IL-22 receptor subunit alpha-1; cytokine receptor class-II member 9; cytokine receptor family 2 member 9; IL22R; CRF2-9; IL22R1;
Gene ID	58985
mRNA Refseq	NM_021258
Protein Refseq	NP_067081
MIM	605457
UniProt ID	Q8N6P7

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Chromosome Location	1p36.11
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;
Function	interferon receptor activity; receptor activity;

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