

Active Recombinant Human IL22RA1, MlgG2a Fc-tagged

Cat. No. IL22RA1-781H 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 mouse IgG2a was expressed in CHO cell.
Species	Human
Source	CHO
ProteinLength	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 areceptor for interleukin 22 (IL22). IL22 receptor is a protein complex that consists of this protein andinterleukin 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 thechromosomal 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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