

Recombinant Human IL22RA1 protein, His-Avi-tagged

Cat. No. IL22RA1-120H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL-22R alpha 1 Protein is expressed from mammalian with a His and Avi tag at the C-terminal. It contains Ala16-Thr228.
Species	Human
Source	HEK293
ProteinLength	It contains Ala16-Thr228.
Description	IL-22 receptor, also known as IL-22 R alpha 1 and CRF2-9, is an approximately 65 kDa transmembrane glycoprotein in the type II cytokine receptor family (CRF). Component of the receptor for IL20, IL22 and IL24. Component of IL22 receptor formed by IL22RA1 and IL10RB enabling IL22 signaling via JAK/STAT pathways. IL22 also induces activation of MAPK1/MAPK3 and Akt kinases pathways. Component of one of the receptor for IL20 and IL24 formed by IL22RA1 and IL20RB also signaling through STATs activation. Mediates IL24 antiangiogenic activity as well as IL24 inhibitory effect on endothelial cell tube formation and differentiation.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 27.3 kDa. Due to glycosylation, the protein migrates to 38-45KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per ug by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

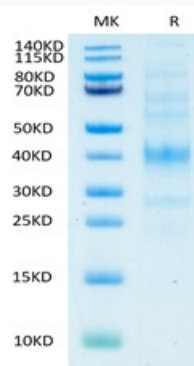
GENE INFORMATION

Gene Name	IL22RA1 interleukin 22 receptor, alpha 1 [Homo sapiens]
Official Symbol	IL22RA1
Synonyms	CRF2-9; CRF2-9interleukin 22 receptor; Cytokine receptor class-II member 9; Cytokine receptor family 2 member 9; IL-22 R alpha 1; IL-22 receptor subunit alpha-1; IL22R alpha 1; IL22R; IL22R1; IL22RA1; IL-22Ra1; IL-22R-alpha-1; IL-TIF-R1; interleukin 22 receptor, alpha 1; interleukin-22 receptor subunit alpha-1; zcytoR11
Gene ID	58985
mRNA Refseq	NM_021258
Protein Refseq	NP_067081
MIM	605457
UniProt ID	Q8N6P7

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Tris-Bis PAGE

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