

Recombinant Human IL28RA protein, GST-tagged

Cat. No. IL28RA-49H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL28RA(28-222aa) fused with GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	28-222 a.a.
Description	The protein encoded by this gene belongs to the class II cytokine receptor family. This protein forms a receptor complex with interleukine 10 receptor, beta (IL10RB). The receptor complex has been shown to interact with three closely related cytokines, including interleukin 28A (IL28A), interleukin 28B (IL28B), and interleukin 29 (IL29). The expression of all three cytokines can be induced by viral infection. The cells overexpressing this protein have been found to have enhanced responses to IL28A and IL29, but decreased response to IL28B. Three alternatively spliced transcript variants encoding distinct isoforms have been reported.
Form	Protein lyophilized in sterile PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, 100 mM GSH, pH 8.0) and 10% glycerol.
AA Sequence	QNVTLTSQNFSVYLTWLPGLGNPQDVTYFVAYQSSPTRRRWREVEECAGTKELLC SMMCLKKQDLYNKFKGRVRTVSPSSKSPWVESEYLDYLFVEVPAPPVLVLTQTEEIL SANATYQLPPCMPPLDLKYEVAFWKEGAGNKTLFPVTPHGQPVQITLQPAASEHHC LSARTIYTFSVPKYSKFSKPTCFLLEV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.
Shipping	The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.
GENE INFORMATION	
Gene Name	IL28RA interleukin 28 receptor, alpha (interferon, lambda receptor) [Homo sapiens]
Official Symbol	IL28RA
Synonyms	IL28RA; interleukin 28 receptor, alpha (interferon, lambda receptor); interleukin 28 receptor, alpha; interleukin-28 receptor subunit alpha; CRF2/12; IFNLR; IL 28R1; interferon lambda receptor 1; CRF2-12; IL-28RA; IL-28R-alpha; IFN-lambda-R1; IFN-lambda receptor 1; interleukin 28 receptor A; IL-28 receptor subunit alpha; interferon lambda, receptor 1; interleukin 28 alpha receptor; class II cytokine receptor CRF2/12; interleukin or cytokine receptor 2; cytokine receptor class-II member 12; cytokine receptor family 2 member 12; likely interleukin or cytokine receptor 2; LICR2; IFNLR1; IL-28R1;
Gene ID	163702
mRNA Refseq	NM_170743
Protein Refseq	NP_734464
MIM	607404
UniProt ID	Q8IU57

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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	contributes_to cytokine receptor activity; protein binding; receptor activity;

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