

Recombinant Human IL31RA Protein (Val20-Asp512), His tagged

Cat. No. IL31RA-2934H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IL31RA (Val20-Asp512) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val20-Asp512
Description	Associates with OSMR to form the interleukin-31 receptor which activates STAT3 and to a lower extent STAT1 and STAT5. May function in skin immunity. Mediates IL31-induced itch, probably in a manner dependent on cation channels TRPA1 and TRPV1. Positively regulates numbers and cycling status of immature subsets of myeloid progenitor cells in bone marrow in vivo and enhances myeloid progenitor cell survival in vitro.
Molecular Mass	53.59 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

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	date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	IL31RA interleukin 31 receptor A [Homo sapiens (human)]
Official Symbol	IL31RA
Synonyms	IL31RA; interleukin 31 receptor A; interleukin-31 receptor subunit alpha; CRL; CRL3; GLM R; Glmr; IL 31RA; zcytoR17; IL-31R subunit alpha; cytokine receptor-like 3; class I cytokine receptor; IL-31 receptor subunit alpha; gp130-like monocyte receptor; soluble type I cytokine receptor CRL3; GPL; GLMR; GLM-R; PLCA2; hGLM-R; IL-31RA; PRO21384; MGC125346;
Gene ID	133396
mRNA Refseq	NM_001242636
Protein Refseq	NP_001229565
MIM	609510
UniProt ID	Q8NI17

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