

Recombinant Mouse Il31ra Protein, Myc/DDK-tagged

Cat. No. Il31ra-3520M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length interleukin 31 receptor A (cDNA clone MGC:76531 IMAGE:30475340), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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	56.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name IL31ra interleukin 31 receptor A [*Mus musculus* (house mouse)]

Official Symbol IL31ra

Synonyms IL31ra; interleukin 31 receptor A; G; GLM; GPL; CRL3; Glmr; NR10; GLM-R; interleukin-31 receptor subunit alpha; IL-31 receptor subunit alpha; IL-31R subunit alpha; IL-31R-alpha; IL-31RA; class I cytokine receptor; cytokine receptor NR10; gp130-like monocyte receptor; gp130-like receptor; interleukin 31RA; interleukin-31 receptor subunit alpha short peptide; mGLM-R; novel cytokine receptor 10; zcytoR17

Gene ID 218624

mRNA Refseq NM_139299

Protein Refseq NP_647460

UniProt ID Q8K5B1

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