

Recombinant Human IL31RA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IL31RA-3594H Lot. No. (See product label)

SPECIFICATION

Product Overview

IL31RA MS Standard C13 and N15-labeled recombinant protein (NP_620586) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

The protein encoded by this gene belongs to the type I cytokine receptor family. This receptor, with homology to gp130, is expressed on monocytes, and is involved in IL-31 signaling via activation of STAT-3 and STAT-5. It functions either as a monomer, or as part of a receptor complex with oncostatin M receptor (OSMR). Several alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Molecular Mass

86.3 kDa

AA Sequence

MCIRQLKFFTTACVCECPQNILSPQPSCVNLGMMWTWALWMLPSLCKFSLAALPAK
 PENISCVYYRKNLTCTWSPGKETSQYTVKRQYAFGEKHDNCTTNSSTSENRAS
 CSFFLPRITIPDNYTIEVEAENGDGVKSHMTYWRLNIAKTEPPKIFRVKPVLGIKRMI
 QIEWIKPELAPVSSDLKYTLRFRTVNSTSWMEVNFANRDKDNQTYNLTGLQPFTEY
 VIALRCAVKESKFWSDWSQEKMGMTEEEAPCGLELWRVLPKPAEADGRRPVRLLLWK
 KARGAPVLEKTLGYNIWYYPESENTNLTETMNTTNQQLELHLGGESFWVSMISYNSL
 GKSPVATLRIPAIQEKSFCIEVMQACVAEDQLVVKWQSSALDVNTWMIEWFPDVD

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SEPTTLSWESVSQATNWTIQQDKLPFWCYNISVYPMLHDKVGEPIYSIQAYAKEGV
 PSEGPETKVENIGVKTVTITWKEIPKSERKGIICNYTIFYQAEGGKGFSTVNSSILQY
 GLESLKRKTSYIVQVMANTSAGGTNGTSINFKTLFSVFEIILITSLIGGGLLIILTVAY
 GLKKPNKLTHLCWPTVPNPAESSIATWHGDDFKDKLNLKESDDSVNTEDRILKPCST
 PSDKLVIDKLVNFGNVLQEIFTDEARTGQENNLGGEKNGYVTCFPRPDCPLGKSFE
 ELPVSPEIPPRKSQYLRSRMPEGTRPEAKEQLLFSGQSLVPDHLCEEAGAPNPYLKN
 SVTAREFLVSEKLPHEHTKGEVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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;

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Gene ID 133396

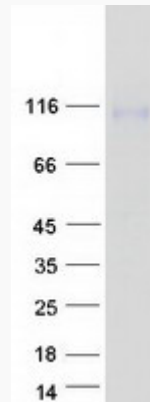
mRNA Refseq NM_139017

Protein Refseq NP_620586

MIM 609510

UniProt ID Q8NI17

SDS-PAGE



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