

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 PENISCVYYRKNLTCTWSPGKETSQYTVKRKYAFGEKHDNCTTNSSTSENRAS CSFFLPRIITPDNYTIEVEAENG DGVKSHMTYWRL ENIAKTEPPKIFRVKPVLG IKRMI QIEWIKPELAPVSSDLKYTLRFRTVNSTSWMEVNF AKNRKDKNQTYNLTGLQPFT EY VIALRCAVKESKFWSDWSQEKMGMT EEEAPCGLELWRVLKPAEADGRRPVRL LWK KARGAPVLEKTLGYNIWYYPESNTNLTETMNTTNQQLELHLGGESFWVSMISYNSL GKSPVATLRIPAIQEKS FQCIEVMQACVAEDQLVVKWQSSALDVNTWMIEWFPD VD

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SEPTTLSWESVSQATNWTIQQDKLPFWCYNISVYPMLHDKVGEPYSIQAYAKEGV
PSEGPETKVENIGVKTVTITWKEIPKSERKGIICNYTIFYQAEGGKGFSKTVNSSILQY
GLES LKRKTSYIVQVMANTSAGGTNGTSINFKTLFSVFEIILITSLIGGGLLILITVAY
GLKKPNKLTHLCWPTVPNPAESSIATWHGDDFKDKLNLKESDDSVNTEDRILKPCST
PSDKLVIDKLVNFGNVLQEIFTDEARTGQENNLGGEKNGYVTCFPRPDCPLGKSFE
ELPVSPEIPPRKSQYLRSRMPEGTRPEAKEQLLFSGQSLVPDHLCEEAGAPNPYLKN
SVTAREFLVSEKLPEHTKGEVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	