

## Product datasheet for TP318212M

### IL31RA (NM\_139017) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interleukin 31 receptor A (IL31RA), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218212 representing NM_139017 Red=Cloning site Green=Tags(s)

MCIRQLKFFTTACVCECPQNILSPQPSCVNLGMMWTWALWMLPSLCKFSLAALPAKPENISCVYYRKNL  
TCTWSPGKETSQYTVKRTYAFGEKHDNCTTNSSTSENASCSSFFLPRITIPDNYTIEVEAENGDGVK  
SHMTYWRLENIAKTEPPKIFRVKPVLGKIRMIQIEWIKPELAPVSSDLKYTLRFRTVNSTSWMEVNFKN  
RKDKNQTYNLTGLQPFTEYVIALRCAVKESKFSWSDWSQEKMGMTTEEAPCGLELWRVLPKPAEADGRRPVR  
LLWKKARGAPVLEKTLGYNIWYYPESNTNLTETMNTTNQQLHLGGESFWWSMISYNSLGGKSPVATLRI  
PAIQEKSFQCIEMQACVAEDQLVVKWQSSALDVNTWMIWFDPDSEPTTLSWESVSQATNWTIQQDKL  
KPFWCYNISVYPMHDKVGEFYQAEQYAYAKEGVPSEGPETKVENIGVKTVTITWKEIPKSERKGIICNYTI  
FYQAEQYAYAKEGVPSEGPETKVENIGVKTVTITWKEIPKSERKGIICNYTI  
GGLLILILTVAYGLKPKPNKLTHLCWPTVPNPAESSIATWHGDDFKDKLNLKESDDSVNTEDRILKPCST  
PSDKLVIDKLVNFGNVLQEIFTDEARTGQENNLGGEKNGYVTCFPRPDCPLGKSFEELPVSPPIPRKS  
QYLRSRMPEGTRPEAKEQLLFSGQSLVPDHLCEEGAPNPYLKNSVTAREFLVSEKLPKPEHTKGEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

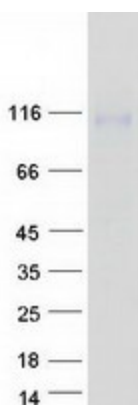
Tag:	C-Myc/DDK
Predicted MW:	86.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_620586</a>
<b>Locus ID:</b>	133396
<b>UniProt ID:</b>	<a href="#">Q8NI17</a> , <a href="#">B4DNJ2</a>
<b>RefSeq Size:</b>	2393
<b>Cytogenetics:</b>	5q11.2
<b>RefSeq ORF:</b>	2292
<b>Synonyms:</b>	CRL; CRL3; GLM-R; GLMR; GPL; hGLM-R; IL-31RA; PLCA2; PRO21384; zcytoR17
<b>Summary:</b>	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.[provided by RefSeq, Jun 2011]
<b>Protein Families:</b>	Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified IL31RA protein (Cat# [TP318212]). The protein was produced from HEK293T cells transfected with IL31RA cDNA clone (Cat# [RC218212]) using MegaTran 2.0 (Cat# [TT210002]).