

Product datasheet for PH318212

IL31RA (NM_139017) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IL31RA MS Standard C13 and N15-labeled recombinant protein (NP_620586)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218212
Predicted MW:	86.3 kDa
Protein Sequence:	>RC218212 representing NM_139017 Red=Cloning site Green=Tags(s)

MCIRQLKFFTTACVCECPQNILSPQPSCVNLGMMWTWALWMLPSLCKFSLAALPAKPENISCVYYRKNL
TCTWSPGKETSQYTVKRTYAFGEKHDNCTTNSSTENRASCFFLPRIITIPDNYTIEVEAENGDVIK
SHMTYWRELENIAKTEPPKIFRVKPVLGIKRMIQIEWIKPELAPVSSDLKYTLRFRTVNSTSWMEVNF
AKNRKDKNQTYNLTGLQPFTEYVIALRCAVKESKFWSQEKMGTEEEAPCGLELWRVLPKPAEADGRRPVR
LLWKKARGAPVLEKTLGYNIWYYPESNTNL TETMNTTNQQLHLHGGESFVWSMISYNSLKGSPVATLRI
PAIQEKSFCIEVMQACVAEDQLVVKWQSSALDVNTWMIWFDPDSEPTLSWESVSQATNWTIQQDKL
KPFWCYNI SVYPMLHDKVGEPYSIQAYAKEGVPSEGPETKVENIGVKTVTITWKEIPKSERKGIICNYTI
FYQAEQGGKFSKTVNSSILQYGLKSLRRTSYIVQVMANTSAGGTNGTSINFKTLFSVFEIILITSLIG
GGLLILIIILTVAYGLKKPNKLTHLCWPTVPNPAESSIATWHGDDFKDLNLKESDSDVNTEDRILKPCST
PSDKLVIDKL VVNFGNVLQEIFTDEARTQENNLGGEKNGYVTCFPRPDCPLGKSFEELPVSPEIPRKS
QYLRSMPEGTRPEAKEQLLFSGQSLVPDHLCEEGAPNPYLKNSVTAREFLVSEKLEPHTKGEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_620586



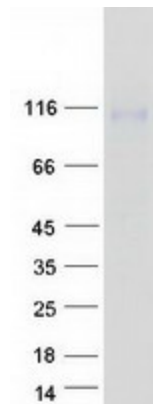
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RefSeq Size:	2393
RefSeq ORF:	2292
Synonyms:	CRL; CRL3; GLM-R; GLMR; GPL; hGLM-R; IL-31RA; PLCA2; PRO21384; zcytoR17
Locus ID:	133396
UniProt ID:	Q8NI17 , B4DNJ2
Cytogenetics:	5q11.2

Summary: 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]

Protein Families: 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]).