

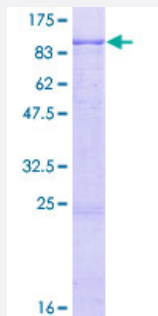
Full-Length

IL31RA (Human) Recombinant Protein (P01)

Catalog # H00133396-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human IL31RA full-length ORF (ENSP00000297015, 1 a.a. - 732 a.a.) recombinant protein with GS T-tag at N-terminal.

Sequence

MMWTWALWMLPSLCKFSLAALPAKPENISCVYYRKNLTCTWSPGKETSQTQYTVKRTYAFGEK
HDNCTTNSSTSENRASCSFFLPRITPDNYTIEVEAENG DGVIKSHMTYWRL ENIAKTEPPKIFRVKP
VLGIKRM IQIEWIKPELAPVSSDLKYTLRFRTVNSTSWMEVNF AKNRKDKNQTYNLTGLQPFTEYVI
ALRC AVKESKFWSDWSQEKMGMT EEEAPCGLELWRVLKPAEADGRRPVRL LWKKARGAPVL
EKT LGYNIWYYPESNTNLTETMNTTNQQLEHLGGESFWVSMISYNSLGKSPVATLRIPAIQEKSFQ
CIEVMQACVAEDQLVVKWQSSALDVNTWMIEWFPD VDSEPTTLSWESVSQATNWTIQQDKLKP
FWCYNISVYPMLHDKVGEPYSIQAYAKEGVPSEGPETKVENIGVKTVTITWKEIPKSERKGICNYTIF
YQAE GKGFSKTVNSSILQYGLES LKRKTSYVQVMAS TSAGGTNGTSINFKTL SFSVFEIILITSLIGG
GLLILILT VAYGLKKPNKLTHLCWPTVPNPAESSIATWHGDDFKDKLNLKESDDSVNTEDRILKPC
STPSDKLVIDKL VVNFNGNVLQEIFTDEARTGQENNLGGEKNGYVTC PFRPDCPLGKSFEELPVSP
EIPPRKSQYLRSRMPEGTRPEAKEQLLFSGQSLVPDHLCEE GAPNPYLNKNSVTAREFLVSEKLPE
HTKGEV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

109.4

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IL31RA

Entrez GeneID	133396
GeneBank Accession#	ENST00000297015
Protein Accession#	ENSP00000297015
Gene Name	IL31RA
Gene Alias	CRL, CRL3, GLM-R, GLMR, GPL, IL-31RA, MGC125346, PRO21384
Gene Description	interleukin 31 receptor A
Omim ID	609510
Gene Ontology	Hyperlink
Gene Summary	IL31RA is related to gp130 (IL6ST; MIM 600694), the common receptor subunit for IL6 (MIM 147620)-type cytokines. Oncostatin M receptor (OSMR; MIM 601743) and IL31RA form the heterodimeric receptor through which IL31 (MIM 609509) signals. Expression of IL31RA and OSMR mRNA is induced in activated monocytes, and both mRNAs are constitutively expressed in epithelial cells (Dillon et al., 2004 [PubMed 15184896]).[supplied by OMIM]
Other Designations	GP130 like receptor OTTHUMP00000122547 class I cytokine receptor gp130-like monocyte receptor soluble type I cytokine receptor CRL3

Disease

- [Genetic Predisposition to Disease](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)