



Recombinant Mouse IL31RA Protein Product Manual

1. Product Basic Information

Product No.: REP07218

Protein Name: IL-31R Subunit Alpha (IL31RA)

Aliases: CRL; GPL; CRL3; GLMR; GLM-PLCA2; hGLM-IL-31RA; PRO21384; zcytoR17; IL-31R subunit alpha; cytokine receptor-like class I cytokine receptor; gp130-like monocyte receptor; interleukin-31 receptor subunit...

UniProt ID: Q8NI17

UniProt Link: <https://www.uniprot.org/uniprotkb/Q8NI17/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Extracellular Domain (19-499aa)

Molecular Weight: 59.2 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (19-499aa)

VLPTKPENISCVFYFDRNLTCTWRPEKETNDTSYIVTLTYSYGKSNYSDNATEASYS
FPRSCAMPPDICSVEVQAQNGDGKVKSDITYWHLISIAKTEPPIILSVNPICNRMFQIQ
WKPREKTRGFPLVCMLEFRFTVNSSHWEVNFENCKQVCNLTGLQAFTEYVLALRF
RFNDSRYWSKWSKEETRVTMEEVPHVLDLWRILEPADMNGDRKVRLLWKKARGA
PVLEKTFGYHIQYFAENSTNLTEINNITTQQYEALLMSQAHSVSVTSFNSLGKSQEI
LRIPDVHEKTFQYIKSMKAYIAEPLLVNWQSSIPAVDTWIVEWLPEAAMSKFPALS
WESVSQVTNWTIEQDKLPFTCYNISVYPVLGHRVGEPYSIQAYAKEGTPLKGPET
RVENIGLRTATITWKEIPKSARNGFINNYTVFYQAEGGKELSKTVNSHALQCDLESLT
RRTSYTVWVMASTRAGGTNGVRINFKT

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Mouse IL31RA extracellular domain protein (19-499aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. IL31RA, also known as CRL or GPL or CRL3, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.