

# Human CellExp™ IL-31, Fc Tag, Human Recombinant

**CATALOG NO:** P1413-10 10 µg  
P1413-50 50 µg

**ALTERNATE NAMES:** IL-31 RA, IL-31RA, hGLM-R, CRL3, GPL, ZcytoR17, GLM-R, IL-31R-alpha, Gp130-like receptor

**MOL. WT.** This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 83.5 kDa. The protein migrates as 105-115 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

**SOURCE:** HEK 293 cells

**PURITY:** >95% SDS-PAGE

**ENDOTOXIN:** Less than 0.1 EU per µg by the LAL method.

**FORM:** Lyophilized

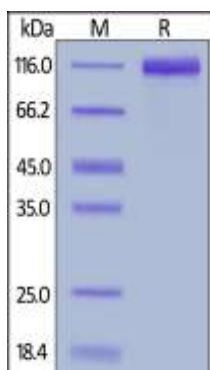
**FORMULATION:** Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.

**RECONSTITUTION:** Reconstitute in sterile deionized water to the desired protein concentration.

**STORAGE CONDITIONS:** Store at -20°C. Avoid repeated freezing and thawing cycles -20°C

**DESCRIPTION:** Interleukin-31 receptor subunit alpha is a protein that in humans is encoded by the IL31RA gene, also known as IL-31 receptor subunit alpha, IL-31RA, GLM-R, Gp130-like receptor, CRL3, GPL. Oncostatin M receptor (OSMR) and IL31RA form the heterodimeric receptor through which IL31 signals. IL31RA is a strong activator of STAT3 and STAT5, whereas STAT1 is only marginally tyrosine-phosphorylated. Additionally, demonstrate Jak1 binding to GPL and its activation in heteromeric complexes with the OSMRbeta but also in a homomeric receptor complex.

**AMINO ACID SEQUENCE:** AA Ala 20 - Glu 519



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Human IL-31 RA, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue.

**RELATED PRODUCTS:**

- IL-31, human recombinant (4983)
- IL-31, mouse recombinant (4985)

**FOR RESEARCH USE ONLY! Not to be used on humans.**