

IL-31RA Protein, Human, Recombinant (hFc)

General Information

Synonyms:	CRL;CRL3;GLMR;PRO21384;hGLM-R;interleukin 31 receptor A;PLCA2;GPL;GLM-R;IL-31RA
Protein Construction:	A DNA sequence encoding the human IL31RA (EAW54932.1) (Met1-Ser516) was expressed with the Fc region of human IgG1 at the C-terminus. Predicted N terminal: Ala 20
Species:	Human
Expression Host:	HEK293 Cells
Accession:	EAW54932.1
Molecular Weight:	83.5 kDa (predicted)

QC Testing

Biological Activity:	1. Measured by its binding ability in a functional ELISA. 2. Immobilized human IL31-His at 10µg/mL (100µL/well) can bind human IL31RA-Fc, the EC50 of human IL31RA-Fc is 0.4-1.6 µg/mL.
Purity:	≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 µm filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

Preparation and Storage

Reconstitution:

Reconstituted with sterile deionized water to 0.25 mg/mL. Reconstitution conditions may vary depending on the lot.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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