

IL-15RA Protein, Human, Recombinant (aa 31-205, hFc)

General Information

Synonyms:	interleukin 15 receptor, alpha;CD215;interleukin 15 receptor, α
Protein Construction:	A DNA sequence encoding the human IL15RA (NP_002180.1) (Ile31-Thr205) was expressed with the Fc region of human IgG1 at the C-terminus. Predicted N terminal: Ile 31
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q13261-1
Molecular Weight:	45.22 kDa (predicted)

QC Testing

Biological Activity:	Immobilized Recombinant Human IL15RA Protein (Fc Tag) (Cat#TMPY-05741) at 2 μ g/mL (100 μ L/well) can bind biotinylated Cynomolgus, Rhesus IL-15 Protein (Fc Tag), the EC50 is 2-10 ng/mL (QC tested).
Purity:	> 95 % as determined by SDS-PAGE. > 98 % as determined by SEC-HPLC.
Endotoxin:	< 1.0 EU/ μ g of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 μ m filter, containing PBS, pH 7.5. 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:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

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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