

## IL-15RA Protein, Human, Recombinant (hFc & Avi), Biotinylated

### General Information

Synonyms:	CD215;interleukin 15 receptor, $\alpha$ ;interleukin 15 receptor, alpha
Protein Construction:	A DNA sequence encoding the human IL15RA (NP_002180.1) (Met1-Thr205) was expressed with a c-terminal AVI tagged Fc region of human IgG1 at the C-terminus (Fc-AVI). The expressed protein was biotinylated in vivo by the Biotin-Protein ligase (BirA enzyme) which is co-expressed. Predicted N terminal: Ile 31
Species:	Human
Expression Host:	HEK293 Cells
Accession:	NP_002180.1
Molecular Weight:	46.92 kDa (predicted); 73.09 kDa (reducing conditions)

### QC Testing

Biological Activity:	Immobilized Recombinant Human IL-15 / IL15 / Interleukin 15 Protein (His Tag) at 2 $\mu$ g/ml (100 $\mu$ l/well) can bind Recombinant Human IL15RA Protein (ECD, Fc & AVI Tag), Biotinylated, The EC50 is 12-36 ng/mL.
Purity:	> 95 % as determined by SDS-PAGE. > 95 % as determined by SEC-HPLC.
Endotoxin:	< 1.0 EU/ $\mu$ g of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 $\mu$ m 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:	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
Stability & Storage:	<p>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.</p> <p><small>Actual storage temperature shall be subject to the COA.</small></p>
Shipping:	In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

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