

IL-22RA2 Protein, Human, Recombinant (hFc)

General Information

Synonyms:	Cytokine Receptor Family 2 Member 10;CRF2-10;IL-22RA2;Interleukin-22 Receptor Subunit α -2;Interleukin-22-Bind;IL-22R- α -2;Interleukin-22 Receptor Subunit Alpha-2;IL-22 Receptor Subunit Alpha-2;Cytokine Receptor Family Type 2 Soluble 1;Cytokine Receptor Class-II Member 10;CRF2-S1;IL-22R-Alpha-2;IL-22 Receptor Subunit α -2
Protein Construction:	Thr22-Pro231
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q969J5-2
Molecular Weight:	80-100 KDa (reducing condition)
AA Sequence:	Thr22-Pro231

QC Testing

Biological Activity:	Immobilized Recombinant Human IL-22 (E. Coli) at 2 μ g/ml (100 μ l/well) can bind Recombinant Human IL-22RA2 (C-Fc). The ED50 of Recombinant Human IL-22RA2 (C-Fc) is 34.43 ng/ml. (Regularly tested)
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μ m filter, containing 20 mM PB, 150 mM NaCl, pH 7.4.

Preparation and Storage

Reconstitution:
Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

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.

Protein Background

Interleukin-22 Receptor Subunit α -2 (IL22RA2) belongs to the type II cytokine receptor family. IL22RA2 is a secreted

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protein and contains three fibronectin type-III domains. IL22RA2 is widely expressed in many tissues. IL22RA2 functions as an IL22 antagonist and may be important in the regulation of inflammatory response. Three alternatively spliced transcript variants encoding distinct isoforms have been described.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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