

Synonym

Interferon lambda receptor 1,IFN-lambda receptor 1,IFN-lambda-R1,Cytokine receptor class-II member 12,Cytokine receptor family 2 member 12,CRF2-12,Interleukin-28 receptor subunit alpha,IL-28 receptor subunit alpha,IL-28R-alpha,IL-28RA,Likely interleukin o

Source

Human IL-28 R alpha, His Tag (ILR-H52H9) is expressed from human 293 cells (HEK293). It contains AA Arg 21 - Ala 228 (Accession # [Q8IU57-1](#)).

Predicted N-terminus: Arg 21

Molecular Characterization

IL-28 R alpha(Arg 21 - Ala 228) Q8IU57-1	Poly-his
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This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 25.5 kDa. The protein migrates as 40-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

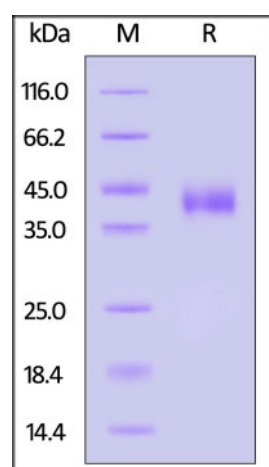
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Human IL-28 R alpha, His Tag on SDS-PAGE under reducing (R) condition.

The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

Background

IL-28 R alpha (Interleukin-28 receptor subunit alpha) also known as IFNLR1 (IFN-lambda receptor 1), it heterodimerizes with another subunit, IL-10RB, to form a type II cytokine receptor, which binds IL-28A, IL-28B and IL-29. These ligands, which are dista

Clinical and Translational Updates

Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.