

Recombinant Human IL-28A

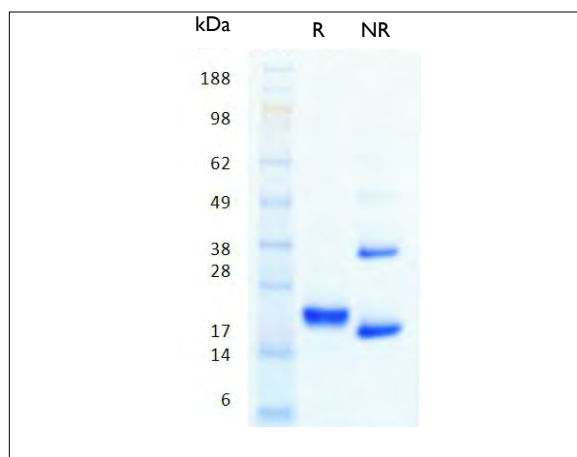
Product Description

- Endotoxin-free*
- Animal-derived product free
- Available in Bulk
- High Activity

Xeno-free human IL-28A^{HuXp} (IFN lambda 2) is expressed in human 293 cells with an apparent molecular mass of 24 kDa. This cytokine is produced in a serum-free, chemically defined media. Production in human 293 cells offers authentic human post-translational modification which contributes to stability in cell growth media and other applications. The purity is greater than 95%.



All HumaXpress[®] HumanKine[™] cytokines are animal-component-free and Xeno-free[™]



Typical Specifications

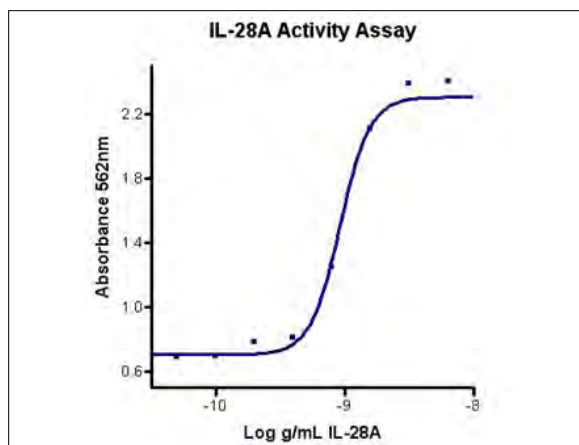
Species Human
Expression HEK293 Cell Expressed
Activity Typically ≤ 5 ng/mL EC₅₀
Purity >95%
Endotoxin <1 EU/ μ g
Molecular Mass 24 kDa, monomer, non-glycosylated
Formulation 1x PBS

Purity Confirmation

The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

Activity Assay

The activity was determined by the dose dependent protection of the cytopathic effect on A549 cells (human lung adenocarcinoma epithelial cell line) that were challenged with encephalomyocarditis (EMC) virus.



Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

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