

Recombinant Mouse IL-11R alpha Protein

Catalog No.: RP03585

Sequence Information

Species	Gene ID
Mouse	16157
Swiss Prot	Tags
Q64385	C-His

Synonyms

IL11ra1, Etl2, IL11ra, Interleukin-11 receptor subunit alpha-1, NR-1, NR1, sIL-11R, sIL-11RA, sIL11RA, IL-11R alpha

Product Information

Source	Purification
HEK293 cells	> 95% as determined by Bis-Tris PAGE, > 95% as determined by HPLC

Calculated MW/Observed MW

39.19 kDa 45-55 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Abstract Interleukin-11 (IL-11) is a pleiotropic cytokine that belongs to gp130 family. IL-11 and its receptor, IL-11Ra, are expressed in human cancers, human cancer cells expressed a functional IL-11Ra subunit, which triggered signal transduction either by exogenous recombinant human IL-11 or by autocrine production of IL-11 in cells cultured under hypoxic conditions.

Basic Information

Description

Recombinant Mouse IL-11R alpha Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser24-Ala372) of Mouse IL-11R alpha (Accession # Q64385) fused with His tag at the C-Terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

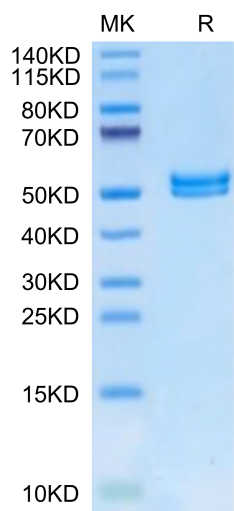
Contact

☎ | 400-999-6126

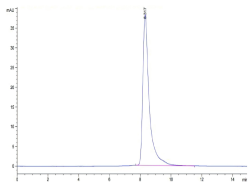
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Validation Data



Recombinant Mouse IL-11R alpha Protein was determined by Bis-Tris PAGE under reducing conditions with Coomassie Blue.



The purity of Mouse IL-11R alpha is greater than 95% as determined by SEC-HPLC.