

# Mouse IL-13Ra1 Protein

Cat. No. ILR-MM1R1

## Description

<b>Source</b>	Recombinant Mouse IL-13Ra1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala26-Thr340.
<b>Accession</b>	O09030
<b>Molecular Weight</b>	The protein has a predicted MW of 37.1 kDa. Due to glycosylation, the protein migrates to 50-68 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per $\mu\text{g}$ by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE

## Formulation and Storage

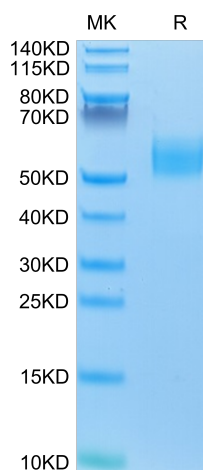
<b>Formulation</b>	Supplied as 0.22 $\mu\text{m}$ filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at $-80^{\circ}\text{C}$ . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

Two type 1 membrane proteins belonging to the hemopoietin receptor family have been cloned and shown to bind IL-13 with differing affinities. The lower affinity IL-13 binding protein, previously designated IL-13 R alpha, IL-13 R alpha ' or NR4, is now referred to as IL-13 R alpha 1. The high-affinity IL-13 binding protein, previously also designated IL-13 R or IL-13 R alpha ', is now referred to as IL-13 R alpha 2.

## Assay Data

### Bis-Tris PAGE



Mouse IL-13Ra1 on Bis-Tris PAGE under reduced conditions. The purity is greater than 95%.