

Datasheet for ABIN7320556  
**IL15RA Protein (Fc Tag)**

## 2 Images

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## Overview

Quantity:	50 µg
Target:	IL15RA
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL15RA protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant Mouse IL15RA/CD215 Protein (Fc Tag)(Active)
Sequence:	Gly33-Lys205
Characteristics:	Recombinant Mouse Interleukin-15 receptor subunit alpha is produced by our Mammalian expression system and the target gene encoding Gly33-Lys205 is expressed with a Fc tag at the C-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Measured by its ability to block human IL-15-induced proliferation of CTLL-2 mouse cytotoxic T cells. The ED50 for this effect is 0.5-2 ng/ml.

## Target Details

Target:	IL15RA
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## Target Details

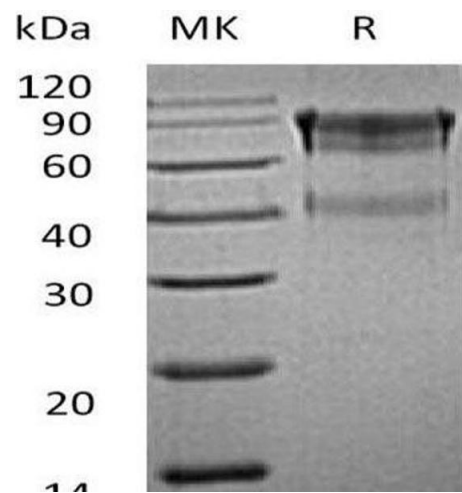
Alternative Name:	IL15RA/CD215 ( <a href="#">IL15RA Products</a> )
Background:	<p>Background: Mouse interleukin-15 receptor subunit alpha, also known as IL15ra, is a high-affinity receptor for interleukin-15. IL15ra associates as a heterotrimer with the IL-2 receptor beta and gamma subunits (Common gamma chain, or gamma c) to initiate signal transduction. It can signal both in cis and trans where IL15R from one subset of cells presents IL15 to neighboring IL2RG-expressing cells. IL15ra is expressed in special cells including a wide variety of T and B cells and non-lymphoid cells. Human IL15ra shares 45 % amino acid sequence homology with the mouse form of the receptor. Eight isoforms of IL-15 R alpha mRNA have been identified, resulting from alternative splicing events involving different exons.</p> <p>Synonym: Interleukin-15 receptor subunit alpha, IL15ra, sIL-15 receptor subunit alpha</p>
Molecular Weight:	45.5 kDa
UniProt:	<a href="#">Q60819</a>
Pathways:	<a href="#">JAK-STAT Signaling</a>

## Application Details

Restrictions:	For Research Use only
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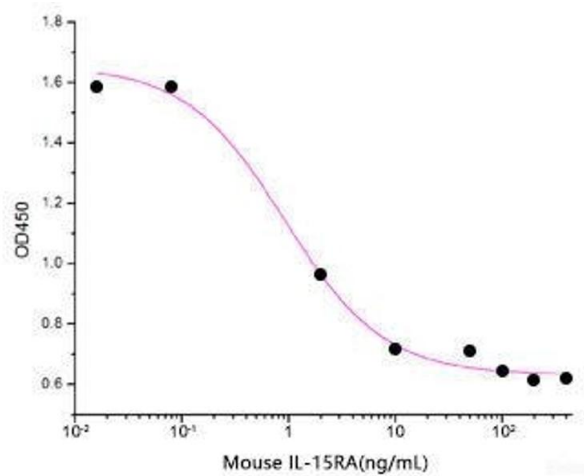
## Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>



Western Blotting

Image 1.



ELISA

Image 2.