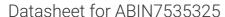
# antibodies .- online.com







## **IL15RA Protein (Fc Tag, His tag)**



#### Overview

Quantity:	100 μg
Target:	IL15RA
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL15RA protein is labelled with Fc Tag, His tag.

#### **Product Details**

Purpose:	Active Recombinant Mouse IL-15RA/CD215 Protein
Sequence:	GTTCPPPVSI EHADIRVKNY SVNSRERYVC NSGFKRKAGT STLIECVINK NTNVAHWTTP SLKCIRDPSL AHYSPVPTVV TPKVTSQPES PSPSAKEPEA FSPKSDTAMT TETAIMPGSR LTPSQTTSAG TTGTGSHKSS RAPSLAATMT LEPTASTSLR ITEISPHSSK MTK
Specificity:	Gly33-Lys205
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 μm filtered
Endotoxin Level:	<0.1EU/µg
Biological Activity Comment:	Measured by its binding ability in a functional ELISA.Immobilized Human IL15 at 1 $\mu$ g/mL (100 $\mu$ L/well) can bind Mouse IL15RA with a linear range of 0.3-77 ng/mL.

### **Target Details**

Target:	IL15RA
Alternative Name:	IL-15RA/CD215 (IL15RA Products)
Background:	Description: Mouse interleukin-15 receptor subunit alpha, also known as II15ra, is a high-affinity
	receptor for interleukin-15.II15ra associates as a heterotrimer with the IL-2 receptor beta and
	gamma subunits (Common gamma chain, orgamma c) to initiate signal transduction. It can
	signal both in cis and trans where IL15R from one subset of cellspresents IL15 to neighboring
	IL2RG-expressing cells. II15ra is expressed in special cells including a wide varietyof Tand B
	cells and non-lymphoid cells. Human II15ra shares 45 % amino acid sequence homology with
	themouse form of the receptor. Eight isoforms of IL-15 R alpha mRNA have been identified,
	resulting fromalternative splicing events involving different exons.
	Name: IL-15RA,CD215,AA690181,IL15RA
Gene ID:	16169
UniProt:	Q60819-1
Pathways:	JAK-STAT Signaling
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile
	distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is
	recommended to add a carrier protein or stablizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 %
	Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein
	solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.