

Datasheet for ABIN7529371

IL15RA Protein (AA 31-205) (hIgG-His-tag)



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1 Image

Overview

Quantity:	100 µg
Target:	IL15RA
Protein Characteristics:	AA 31-205
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL15RA protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS), Activity Assay (AcA)

Product Details

Sequence:	ITCPPPM SVEHADIWVK SYSLYSRERY ICNSGFKRKA GTSSLTECVL NKATNVAHWT TPSLKCIRD P ALVHQR PAPP STVTTAGVTP QPESLSPSGK EPAASSPSSN NTAATTAAIV PGSQLMP SKS PSTGTTEISS HESSHGTPSQ TTAKNWELTA SASHQPPGVY PQGHSDTT
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)
Biological Activity Comment:	Measured by its ability to inhibit proliferation using CTLL2 mouse cytotoxic T cells. The ED50 for this effect is ≤2ng/ml with Human IL-15.

Target Details

Target:	IL15RA
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Target Details

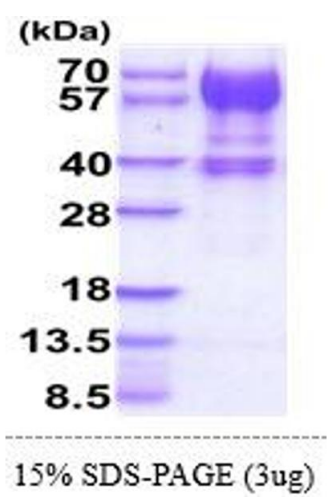
Alternative Name:	IL-15R alpha/IL15RA (IL15RA Products)
Background:	<p>IL15RA, also known as interleukin-15 receptor subunit alpha isoform 1, is a high-affinity receptor for interleukin-15. It associates as a heterotrimer with the IL-2 receptor beta and gamma subunits to initiate signal transduction. This protein can signal both in cis and trans where IL15R from one subset of cells presents IL15 to neighboring IL2RG-expressing cells. IL15/IL15R alpha complexes can transmit reverse signaling that promotes cellular adhesion, tyrosine phosphorylation of intracellular proteins, and cytokine secretion by the IL 15/IL15R alpha expressing cells. Recombinant human IL15RA protein, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.</p>
Molecular Weight:	45.6 kDa (417aa)
NCBI Accession:	NP_002180
UniProt:	Q13261
Pathways:	JAK-STAT Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.