

IL15RA active protein

IL15RA, 31-205aa, Human, hlgG-His-tag, Baculovirus

CATALOG # AAA48968	HOST Baculovirus	APPLICATIONS SDS-Page
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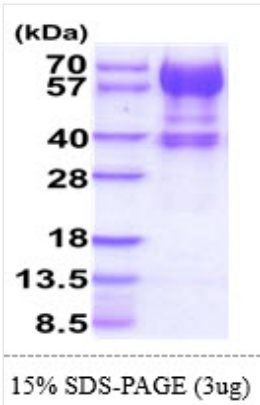
PRODUCT SYNONYMS

IL15RA; 31-205aa; Human; hlgG-His-tag; Baculovirus; Interleukin-15 receptor subunit alpha isoform 1; CD215; IL15RA active protein

PRODUCT SPECIFICATIONS

Host	Baculovirus
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.
Concentration	0.5 mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence	ADPITCPPPM SVEHADIWVK SYSLSRERY ICNSGFKRKA GTSSLTECVL NKATNVAHWT TPSLKCIDRP ALVHQRPAAP STVTTAGVTP QPESLSPSGK EPAASSPSSN NTAATTAAIV PGSQLMPSKS PSTGTTEISS HESSHGTPSQ TTAKNWELTA SASHQPPGVY PQGHSDTTLE PKSCDKTHTC PPCAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTTTP VLDSDGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNNY TQKSLSLSPG KHHHHHH
Sequence Length	267
Applicable Applications for IL15RA active protein	Bioactivity, SDS-PAGE
Antigen Species	Human
Tag Information	hlgG-His-tag
Endotoxin Level	< 1.0 EU per 1ug of protein (determined by LAL method)
Activity	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.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -20 degree C or -70 degree C. Aliquot into individual use vials to avoid repeated freeze/thaw cycles.

IMAGES



SDS-PAGE
3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for IL15RA active protein	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.
Product Categories/Family for IL15RA active protein	Apoptosis
References	Epardaud M., et al, (2008) Cancer Res. 68:2972-2983.; Stoklasek TA., et al, (2006) J Immunol. 177:6072-6080.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504649
NCBI GeneID	3601
NCBI Accession #	NP_002180
NCBI GenBank Nucleotide #	NM_002189.3
UniProt Accession #	Q13261 ; Q3B769 ; Q5JVA1 ; Q5JVA2 ; Q5JVA4 ; Q6B0J2 ; Q7LDR4 ; Q7Z609 ; B4E2C2
Molecular Weight	45.6 kDa (417aa)
NCBI Official Full Name	interleukin-15 receptor subunit alpha isoform 1
NCBI Official Synonym Full Names	interleukin 15 receptor subunit alpha
NCBI Official Symbol	IL15RA
NCBI Official Synonym Symbols	CD215
NCBI Protein Information	interleukin-15 receptor subunit alpha
UniProt Protein Name	Interleukin-15 receptor subunit alpha
UniProt Gene Name	IL15RA
UniProt Synonym Gene Names	IL-15 receptor subunit alpha; IL-15R-alpha; IL-15RA; sIL-15 receptor subunit alpha; sIL-15R-alpha; sIL-15RA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/baculovirus-active-protein/il15ra/48968>