

Recombinant Human IL15RA Protein, hlgG-His-tagged

Cat. No. IL15RA-225H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL15RA(31-205aa) fused with hlgG-His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	31-205aa
Description	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.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	45.6kDa (417aa) 57-70KDa (SDS-PAGE under reducing conditions.)
AA Sequence	ADPITCPPPM SVEHADIWVK SYSLYSRERY ICNSGFKRKA GTSSLTECVL NKATNVAHWT TPSLKCIRDP ALVHQRPAAP STVTTAGVTP QPESLSPSGK EPAASSPSSN NTAATTAIV PGSQLMPSKS PSTGTTEISS

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HESSHGTPSQ TTAKNWELTA SASHQPPGVY PQGHSDTTLE
 PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV
 SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL
 TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD
 ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTPP
 VLDSGDSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG
 KHHHHHHH

Purity > 85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Absorbance at 280)

GENE INFORMATION

Gene Name IL15RA interleukin 15 receptor, alpha [Homo sapiens]

Official Symbol IL15RA

Synonyms IL15RA; interleukin 15 receptor, alpha; interleukin-15 receptor subunit alpha; CD215; IL 15RA; MGC104179;

Gene ID 3601

mRNA Refseq NM_002189

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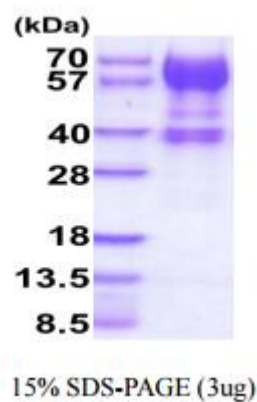
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Protein Refseq NP_002180

MIM 601070

UniProt ID Q13261



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