

Human IL15RA Recombinant Protein



RPPB0590

Product Information Protein Information

Product SKU:

RPPB0590

Accession:

Q13261

Host:

Sf9, Baculovirus cells.

Protein description:

IL15RA produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (31-205 a.a.) and fused to a 242 a.a. hlgG-His Tag at C-terminus containing a total of 417 amino acids and having a molecular mass of 45.6kDa. IL15RA shows multiple bands between 57-70kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Interleukin 15 Receptor Subunit Alpha, Interleukin 15 Receptor, Alpha, Interleukin 15 Receptor Alpha Isoform EM2, Interleukin 15 Receptor Alpha Isoform IC2, Interleukin 15 Receptor Alpha Isoform IC3, Interleukin 15 Receptor Alpha Isoform IC4, Interleukin 15 Receptor Alpha Isoform IC5, Interleukin 15 Receptor Alpha Isoform IC6, Interleukin 15 Receptor Alpha Isoform IC7, Interleukin 15 Receptor Alpha Isoform IC8, Interleukin-15 Receptor Subunit Alpha, IL-15 Receptor Subunit Alpha, CD215 Antigen, IL-15R-Alpha, IL-15RA, CD215.

Formulation:

IL15RA protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

ADPITCPPPM SVEHADIWVK SYSLSRERY ICNSGFKRKA GTSSLTECVL NKATNVAHWT TPSLKIRD
ALVHQRAPP STVTAGVTP QPESLSPSGK EPAASSPSSN NTAATTAIV PGSQLMPSKS PSTGTTEISS
HESSHGTPSQ TTAKNWELTA SASHQPPGVY PQGHSDTTLE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK
PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG
KEYKCKVSNK ALPAIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ
PENNYKTTTP VLDSGDFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG KHHHHHHH

Biological Activity:

Determined by its ability to inhibit proliferation using CTLL2 mouse cytotoxic T cells. The ED50 for this effect is < 2 ng/ml with Human IL-15.