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# 32-8557: Recombinant Mouse IL-15 Receptor Subunit a/CD215/IL-15RA (C-Fc)

**Gene :** Il15ra
**Gene ID :** 16169
**Uniprot ID :** Q60819

## Description

Source: Human Cells.
MW :45.5kD.
Recombinant Mouse Interleukin-15 receptor alpha is produced by our Mammalian expression system and the target gene encoding Gly33-Lys205 is expressed with a Fc tag at the C-terminus. Mouse interleukin-15 receptor subunit alpha, also known as Il15ra, is a high-affinity receptor for interleukin-15. Il15ra associates as a heterotrimer with the IL-2 receptor beta and gamma subunits (Common gamma chain, or gamma c) to initiate signal transduction. It can signal both in cis and trans where IL15R from one subset of cells presents IL15 to neighboring IL2RG-expressing cells. Il15ra is expressed in special cells including a wide variety of Tand B cells and non-lymphoid cells. Human Il15ra shares 45% amino acid sequence homology with the mouse form of the receptor. Eight isoforms of IL-15 R alpha mRNA have been identified, resulting from alternative splicing events involving different exons.

## Product Info

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| **Amount :** | 10 µg / 50 µg |
| **Content :** | Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. |
| **Storage condition :** | Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months. |
| **Amino Acid :** | GTTCPPPVSIEHADIRVKNYSVNSRERYVCNSGFKRKAGTSTLIECVINKNTNVAHWTTPSLKCIRDPSLAHYSPV PTVVTPKVTSQPESPSPSAKEPEAFSPKSDTAMTTETAIMPGSRLTPSQTTSAGTTGTGSHKSSRAPSLAATMTL EPTASTSLRITEISPHSSKMTKVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVT CVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPI EKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLY SKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK |

## Application Note

**Endotoxin :** Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.