

RPCB1545

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## Product Information

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|---------------------|-----------|--------------------|-------|--------------|------|
| <b>Product SKU:</b> | RPCB1545  | <b>Gene ID:</b>    | 16169 | <b>Size:</b> | 10µg |
| <b>Tag:</b>         | C-hFc&His | <b>Reactivity:</b> | Mouse |              |      |

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## Additional Information

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|-------------------------|--------------------|-------------------|----------|
| <b>Expression Host:</b> | HEK293 cells       | <b>Swissprot:</b> | Q60819-1 |
| <b>Purity:</b>          | > 95% by SDS-PAGE. |                   |          |

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## Protein Information

**Background:** 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 T and 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.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Mouse IL-15RA/CD215 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** <0.1EU/µg

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

**Storage:** Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.