

**RPCB0562**

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## Product Information

<b>Product SKU:</b>	RPCB0562	<b>Gene ID:</b>	3559	<b>Size:</b>	100µg
<b>Tag:</b>	C-His&Avi	<b>Reactivity:</b>	Human		

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## Additional Information

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	P01589
<b>Purity:</b>	> 95% by SDS-PAGE ; > 95% by HPLC		

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## Protein Information

**Background:** Human IL-2 receptor alpha (IL-2 R alpha), also known as Tac antigen and as CD25, was initially identified as a 55 kDa membrane glycoprotein that is capable of binding IL-2 receptor for interleukin-2. The receptor is involved in the regulation of immune tolerance by controlling regulatory T cells (TREGs) activity. TREGs suppress the activation and expansion of autoreactive T-cells.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human IL-2 R alpha/CD25 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 1 EU/µg of the protein by LAL method

**Formulation:** Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

**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.