

**RPCB1646**

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## Product Information

<b>Product SKU:</b>	RPCB1646	<b>Gene ID:</b>	19261	<b>Size:</b>	10µg
<b>Tag:</b>	C-hFC	<b>Reactivity:</b>	Mouse		

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## Additional Information

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	P97797
<b>Purity:</b>	> 95% by SDS-PAGE.		

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## Protein Information

**Background:** Signal regulatory protein  $\alpha$  (SIRP $\alpha$ ) is a regulatory membrane glycoprotein from SIRP family expressed mainly by myeloid cells and also by stem cells or neurons. SIRP $\alpha$  acts as inhibitory receptor and interacts with a broadly expressed transmembrane protein CD47 also called the "don't eat me" signal. Cancer cells highly expressed CD47 that activate SIRP  $\alpha$  and inhibit macrophage-mediated destruction.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Mouse SIRP-alpha/CD172a 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.