

## Product Datasheet

# SIRP alpha V5 Protein, Human, Recombinant (His & Avi), Biotinylated (orb1959581)

<b>Description</b>	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. SIRP alpha V5 Protein, Human, Recombinant (His & Avi), Biotinylated is expressed in HEK293 mammalian cells with C-His-Avi tag. The predicted molecular weight is 40 kDa and the accession number is P78324 variant 5.
<b>Storage</b>	-20°C
<b>Tag</b>	C-His-Avi
<b>Note</b>	For research use only
<b>Application notes</b>	Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 $\mu$ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.
<b>Purity</b>	98.00%
<b>MW</b>	40 kDa (predicted). Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
<b>Uniprot ID</b>	<b>P78324</b>
<b>Expiration Date</b>	6 months from date of receipt.

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