

Product Datasheet

Recombinant Human SIRPA Protein (orb2995109)

Catalog Number	orb2995109
Category	Proteins
Description	Recombinant Human Signal-Regulatory Protein Alpha 1 is produced by our Mammalian expression system and the target gene encoding Glu31-Arg370 is expressed with a 6His tag at the C-terminus.
Conjugation	Unconjugated
Tag	C-6His
Form/Appearance	Lyophilized
Buffer/Preservatives	0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Purity	SDS-PAGE: Greater than 95% as determined by reducing SDS-PAGE.
UniProt ID	CAA71403.1
MW	Predicted: 38.31 KDa. Observed: 45-65 KDa, reducing conditions
Expression System	Human Cells
Endotoxins	1 EU/µg as determined by LAL test.
Biological Origin	Human

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Biological Activity	BLI: Loaded Anti-Human SIRPA mAb-Fc(Cat#orb2993142) on Protein A Biosensor, can bind Human SIRPA-His(Cat#orb2995109) with an affinity constant of 10.1 nM as determined in BLI assay.
Expression Region	Glu31-Arg370
Storage	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
Note	For research use only
Expiration Date	6 months from date of receipt.

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