

Product Datasheet

Biotinylated Human CD47 (orb2993805)

Catalog Number	orb2993805
Category	Proteins
Description	Biotinylated Recombinant Human Leukocyte Surface Antigen CD47 is produced by our Mammalian expression system and the target gene encoding Gln19-Pro139 is expressed with a Avi, 6His tag at the C-terminus.
Conjugation	Biotin
Tag	C-Avi-6His
Form/Appearance	Lyophilized from a 0.2 µm filtered solution of 10mM Tris-Citrate, 150mM NaCl, pH 8.0.
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	Q08722
MW	Predicted: 16.4 KDa. Observed: 30-40 KDa, reducing conditions
Expression System	Human Cells
Endotoxins	1 EU/µg as determined by LAL test.
Biological Origin	Human
Biological Activity	BLI: Loaded Anti-Human CD47 mAb-Fc(Cat#orb2993150) on Protein A Biosensor, can bind Human CD47-Avi-6His(Cat#orb2993805) with an affinity constant of 0.20 nM as determined in BLI assay.

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Expression Region	Gln19-Pro139
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 $2-8^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
Note	For research use only

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