

Product Datasheet

Recombinant Human CD40L Protein (orb2994033)

Catalog Number	orb2994033
Category	Proteins
Description	Recombinant Human CD40 Ligand is produced by our Mammalian expression system and the target gene encoding Glu108-Leu261 is expressed with a 6His tag at the N-terminus.
Conjugation	Unconjugated
Tag	N-6His
Form/Appearance	Lyophilized
Buffer/Preservatives	0.2 µm filtered solution of PBS, 1mM EDTA, 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	P29965
MW	Predicted: 19.1 KDa. Observed: 19-22 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 Human CD40-Fc(Cat#orb2994010) on Protein A Biosensor, can bind Human CD40L-His(Cat#orb2994033) with an affinity constant of 2.74 nM as determined in BLI assay. Loaded Anti-Human CD40L mAb-Fc(Cat#orb2993151) on Protein A Biosensor, can bind Human CD40L-His(Cat#orb2994033) with an affinity constant of -3 nM as determined in BLI assay.
Expression Region	Glu108-Leu261
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
Expiration Date	6 months from date of receipt.

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