

Product Datasheet

Recombinant Human VEGF165 Protein (orb2992805)

Catalog Number	orb2992805
Category	Proteins
Description	Recombinant Human Vascular endothelial growth factor A is produced by our Mammalian expression system and the target gene encoding Ala27-Arg191 is expressed with a 6His tag at N-terminus.
Tag	N-6His
Form/Appearance	Lyophilized
Buffer/Preservatives	0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
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. (QC verified)
UniProt ID	P15692
MW	Predicted: 20 KDa. Observed: 18-28 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 VEGF-A Antibody (Bevacizumab) (Cat#orb2992936) on Pro-A Biosensor, can bind Recombinant Human VEGF165 (N-6His) (Cat#orb2992805) with an affinity constant of 2.11 pM as determined in BLI assay. (Regularly tested)
Expression Region	Ala27-Arg191
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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