

Product Datasheet

Human VEGF165 Protein, His Tag, low endotoxin (MALS verified) (orb257924)

Catalog Number	orb257924
Category	Proteins
Description	Human VEGF165, His Tag is expressed from human 293 cells (HEK293). It contains AA Ala 27 - Arg 191 (Accession # P15692-4).
Target	VEGF165
Conjugation	Unconjugated
Tag	N-10×His
Reactivity	Human
Form/Appearance	Powder
Buffer/Preservatives	PBS, pH 7.4
Purity	90%
UniProt ID	P15692
MW	21.1 kDa
Application notes	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 21.1 kDa. The protein migrates as 27-28 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Expression System	HEK293
Endotoxins	0.01 EU per µg

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Expression Region

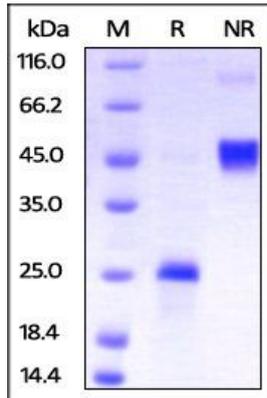
Ala 27 - Arg 191

Storage

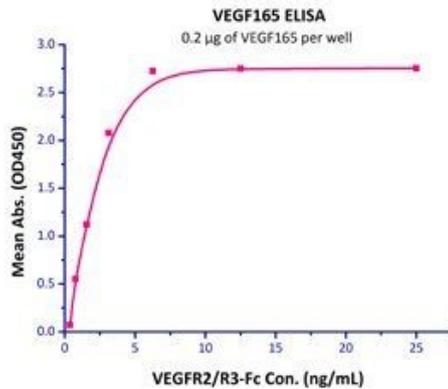
-20°C to -70°C for 12 months in lyophilized state;. -70°C for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20°C or lower

Note

For research use only



SDS-PAGE analysis of Human VEGF protein



Line graph illustrates about the sensitivity range of Human VEGF protein using different concentrations

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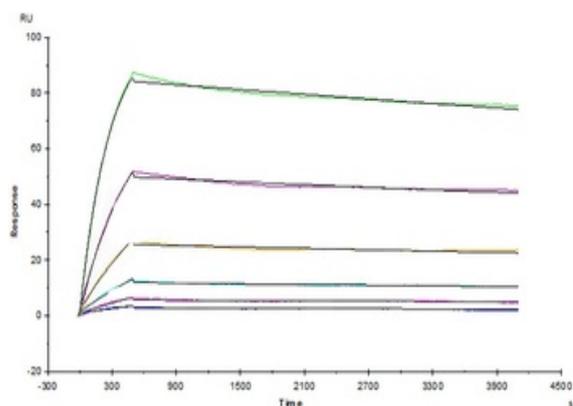
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Avastin (Bevacizumab) captured on CM5 chip via anti-human IgG Fc antibodies surface, can bind Human VEGF165 Protein, His Tag (Cat. No. orb257924) with an affinity constant of 1.03 nM as determined in a SPR assay (Biacore T200) (Routinely tested).

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