

Product Datasheet

Human VEGF121 Protein (orb257918)

Catalog Number	orb257918
Category	Proteins
Description	Human VEGF121 Protein, premium grade is expressed from human 293 cells (HEK293). It contains AA Ala 27 - Arg 147 (Accession # P15692-9).
Target	VEGF121
Conjugation	Unconjugated
Tag	Native
Reactivity	Human
Form/Appearance	Powder
Buffer/Preservatives	PBS, pH 7.4
Purity	95%
UniProt ID	P15692
MW	14.1 kDa
Application notes	This protein carries no "tag". The protein has a calculated MW of 14.1 kDa. The protein migrates as 15-16 kDa and 17-20 kDa under reducing (R) condition, and 30-40 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.
Expression System	HEK293
Endotoxins	0.1 EU per µg
Expression Region	Ala 27 - Arg 147

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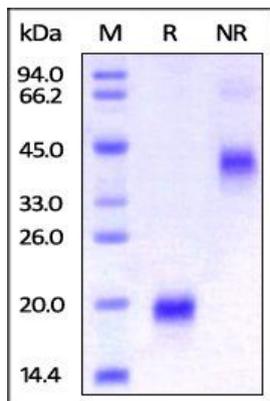
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Storage

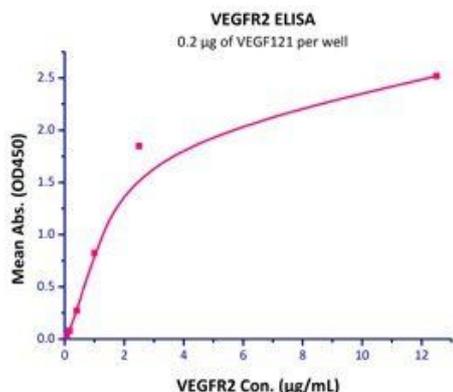
-20°C to -70°C for 12 months in lyophilized state;. -70°C for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20°C or lower

Note

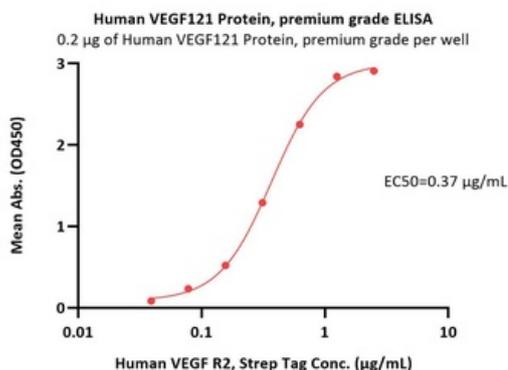
For research use only



SDS-PAGE analysis of Human VEGF protein



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



Immobilized Human VEGF121 Protein, premium grade (Cat. No. orb257918) at 2 µg/mL (100 µL/well) can bind Human VEGF R2, Strep Tag with a linear range of 0.15-2.5 µg/mL (QC tested).

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