

## Product Datasheet

### Human VEGF121 Protein (orb257918)

<b>Catalog Number</b>	orb257918
<b>Category</b>	Proteins
<b>Description</b>	Human VEGF121 Protein, premium grade is expressed from human 293 cells (HEK293). It contains AA Ala 27 - Arg 147 (Accession # P15692-9).
<b>Target</b>	VEGF121
<b>Conjugation</b>	Unconjugated
<b>Tag</b>	Native
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Powder
<b>Buffer/Preservatives</b>	PBS, pH 7.4
<b>Purity</b>	95%
<b>UniProt ID</b>	<b>P15692</b>
<b>MW</b>	14.1 kDa
<b>Application notes</b>	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.
<b>Expression System</b>	HEK293
<b>Endotoxins</b>	0.1 EU per µg
<b>Expression Region</b>	Ala 27 - Arg 147

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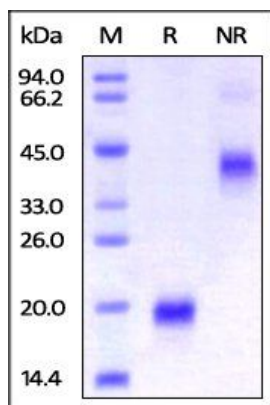
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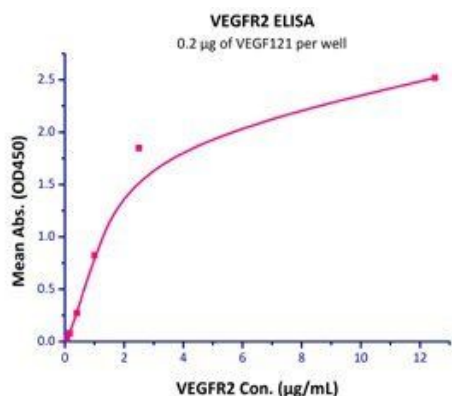
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<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>NCBI</b>	<b>P15692</b>
<b>Expiration Date</b>	6 months from date of receipt.



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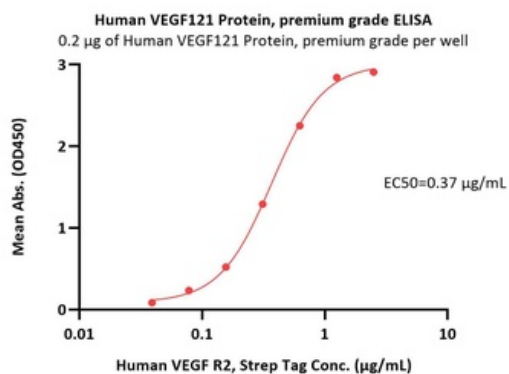
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Immobilized Human VEGF121 Protein, premium grade (Cat. No. orb257918) at 2 µg/mL (100 µL/well) can bind Human VEGF R2, Strep Tag with a linear range of 0.15-2.5 µg/mL (QC tested).

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