

Recombinant Dog VEGFA protein, His-tagged

Cat. No. VEGFA-591D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog VEGFA aa. (Ala27~Arg190 (Accession # Q9MYV3)) fused with N-terminal His tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Ala27~Arg190
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.2.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

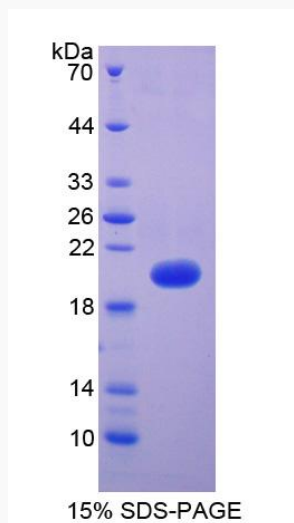
Gene Name	VEGFA vascular endothelial growth factor A [Canis lupus familiaris (dog)]
Official Symbol	VEGFA
Synonyms	VEGFA; VEGF; vascular endothelial growth factor A; VEGF-A; VPF; vascular endothelial growth factor 188; vascular permeability factor
Gene ID	403802
mRNA Refseq	NM_001003175.2
Protein Refseq	NP_001003175.2
UniProt ID	Q9MYV3

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SDS-PAGE



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