Recombinant Pig VEGFA Protein (Ala27-Arg190), C-His tagged, Animal-free, Carrier-free

Cat. No. VEGFA-206P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig VEGFA Protein (Ala27-Arg190) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Pig
Source	E.coli
ProteinLength	Ala27-Arg190
Description	Swine Vascular endothelial Growth Factors (VEGF) is a protein that stimulate vasculogenesis and angiogenesis. SwineVEGF containing 165 residues with polyhistidine tag at the C-terminus. Swine VEGF is proteins involevd in embryonic development, new blood vessels repairing, and new vessels (collateral circulation) bypassing blocked vessels.
Form	Lyophilized
Molecular Mass	The protein has a calculated MW of 20.16 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>95% as determined by SDS-PAGE analysis.

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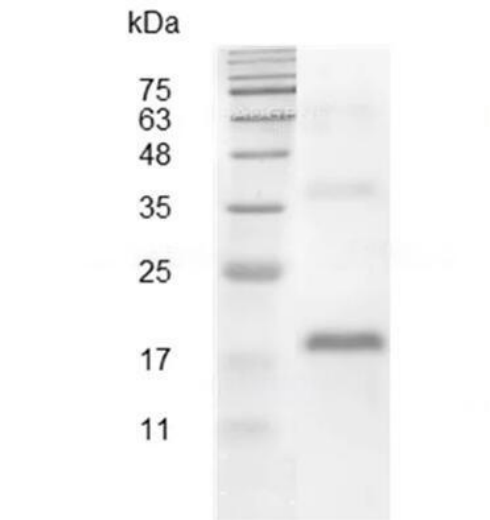
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	VEGFA vascular endothelial growth factor A [Sus scrofa (pig)]
Official Symbol	VEGFA
Synonyms	VEGFA; vascular endothelial growth factor A; vascular endothelial growth factor A; VEGF-A; VPF; vascular permeability factor
Gene ID	397157
mRNA Refseq	NM_214084
Protein Refseq	NP_999249
UniProt ID	P49151

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SDS-PAGE analysis of recombinant swine VEGF.



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