

VEGF-A recombinant protein

RECOMBINANT BOVINE VEGF-A

CATALOG #
AAA50283

APPLICATIONS
ELISA

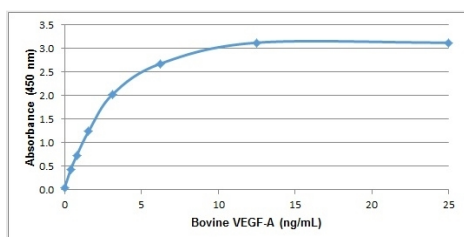
PRODUCT SYNONYMS

VEGF-A; RECOMBINANT BOVINE VEGF-A; VEGF-A recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	>95% by SDS PAGE analysis
Form/Format	Purified recombinant protein - lyophilized
Sequence Length	190
Applicable Applications for VEGF-A recombinant protein	ELISA
Preparation	Recombinant protein expressed in Pichia pastoris and purified by ion-exchange chromatography
Preservative Stabilisers	10% Trahalose
Buffer Solution	Phosphate buffered saline
Target Species	Bovine
Reconstitution	Reconstitute with 20 ul sterile PBS containing 0.1% carrier protein. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently mixed after reconstitution.
Preparation and Storage	Prior to reconstitution store at -20 degree C. After reconstitution store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted.

IMAGES



Application Data

Bovine VEGF-A ELISA Recombinant bovine VEGF-A detected using Rabbit anti Bovine VEGF-A as the capture reagent and Rabbit anti Bovine VEGF-A:Biotin as the detection reagent followed by Streptavidin:HRP

ADDITIONAL INFORMATION

Related Product Information for VEGF-A recombinant protein

Recombinant Bovine VEGF-A, is a recombinant protein corresponding to aa 27 - 190 of native bovine vascular endothelial growth factor A (VEGF-A). VEGF-A, otherwise known as vascular permeability factor (VPF) is a member of the PDGF / VEGF family of growth factors. Bovine VEGF-A is a growth factor that induces cell proliferation in endothelial cells. It is important in endothelial cell growth, vasculogenesis and angiogenesis. VEGF-A is also active in the induction of blood vessel permeability.

NCBI AND UNIPROT INFORMATION

NCBI GI #	137819
NCBI GeneID	281572
UniProt Accession #	P15691
Molecular Weight	19.2 kDa
NCBI Official Full Name	Vascular endothelial growth factor A
NCBI Official Symbol	VEGFA
NCBI Official Synonym Symbols	VPF; VEGF; VEGF-A; eVEGF120; eVEGF164
NCBI Protein Information	vascular endothelial growth factor A
UniProt Protein Name	Vascular endothelial growth factor A
UniProt Gene Name	VEGFA
UniProt Synonym Gene Names	VEGF; VEGF-A; VPF
UniProt Entry Name	VEGFA_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/vegfa-recombinant-protein-elisa/50283>