

VEGF recombinant protein

RECOMBINANT HUMAN VEGF

CATALOG #
AAA50537APPLICATIONS
Western Blot, Functional Assay, ELISA

PRODUCT SYNONYMS

VEGF; RECOMBINANT HUMAN VEGF; VEGF recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	>98% by SDS PAGE and HPLC analysis
Form/Format	Purified recombinant protein expressed in E Coli - lyophilised
Concentration	Approximate Protein Concentration: 0.1 mg/ml (varies by lot)
Sequence Length	412
Applicable Applications for VEGF recombinant protein	WB (Western Blot), FA (Functional Assay), ELISA
Reconstitution	Reconstitute with 0.1 ml distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AAA Biotech recommends that the vial is gently mixed after reconstitution.
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at -20 degree C. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

ADDITIONAL INFORMATION

Related Product Information for VEGF recombinant protein	VEGF is a homodimeric protein produced by various vascularized tissues. Activities include stimulation of endothelial cell growth, angiogenesis and capillary permeability.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	76781480
NCBI GeneID	7422
NCBI Accession #	NP_001020537.2
NCBI GenBank Nucleotide #	NM_001025366.2
UniProt Accession #	P15692; O60720; O75875; Q074Z4; Q16889; B5BU86; H0Y2S8; H0Y407; H0Y414; H0Y462; H0Y8N2; H3BLW7
Molecular Weight	Protein Molecular Weight: 38kD (2 x 165 Amino acid sequence)
NCBI Official Full Name	vascular endothelial growth factor A isoform a
NCBI Official Synonym Full Names	vascular endothelial growth factor A
NCBI Official Symbol	VEGFA
NCBI Official Synonym Symbols	VPF; VEGF; MVCD1

NCBI Protein Information	vascular endothelial growth factor A; vascular permeability factor
UniProt Protein Name	Vascular endothelial growth factor A
UniProt Gene Name	VEGFA
UniProt Synonym Gene Names	VEGF; VEGF-A; VPF
UniProt Entry Name	VEGFA_HUMAN

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-wb-western-blot-fa-functional-assay-elisa/50537>