

Human Vascular Endothelial Cell Growth Factor (VEGF) Protein

Catalogue No.: abx060229

Human Vascular Endothelial Growth Factor (VEGF) Protein is a recombinant protein expressed in E. coli.

Vascular Endothelial Growth Factor (VEGF) is encoded by the VEGF gene, which contains 8 exons and maps to 6p21.3. It is a signal protein produced by cells that stimulates vasculogenesis and angiogenesis. Overexpression of VEGF can cause vascular dysfunction in the retina and other parts of the body. Under certain conditions, VEGF can facilitate glucose transport across the blood-brain barrier.

Target:	Vascular Endothelial Growth Factor (VEGF)
Research Area:	Cytokines, Apoptosis, Tumor Immunity
Origin:	Human
Expression:	Recombinant
Tested Applications:	SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Liquid
Activity:	Not tested
Purity:	> 95% (SDS-PAGE). 0.2 µm sterile filtered.
Reconstitution:	Reconstitute in sterile ddH ₂ O to a concentration of 0.1-1.0 mg/ml.
Storage:	Aliquot and store at -20°C or -80°C for up to 1 year. Store reconstituted at 4°C for up to 1 week, it is recommended to add 5-50% glycerol to the final concentration. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P15692 (UniProt , ExPASy)
GeneID:	7422
OMIM:	192240
Sequence Fragment:	Full-length.
Tag:	N-terminal 6 His tag

Datasheet

Version: 4.0.0

Revision date: 04 Nov 2025



Buffer: Prior to lyophilization: 20 mM Tris-HCl, 0.5 M NaCl, pH 8.0, containing 6% Trehalose (379 µl/vial).

Endotoxin Level: < 0.1 ng/µg (1 EU/µg) determined by the LAL method.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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