

Recombinant Human VEGFE protein ab51001

Description

Product name	Recombinant Human VEGFE protein
Biological activity	ab51001 interacts with proteo-aminoglycans and heparan sulfate and with neuropillin 1.
Purity	> 90 % SDS-PAGE. > 90%, by SDS-PAGE and visualised by silver stain. Endotoxin level: < 0.1 ng per ug of VEGF 165B. Affinity purified.
Expression system	Baculovirus infected insect cells
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human

Specifications

Our **Abpromise guarantee** covers the use of **ab51001** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Lyophilized
Additional notes	ab51001 interacts with proteo-aminoglycans and heparan sulfate and with neuropillin 1.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Reconstitution	The lyophilised VEGF 165B is soluble in water and most aqueous buffers. The lyophilised VEGF 165B should be reconstituted in PBS or medium containing at least 0.1% human or bovine serum albumin to a concentration not lower than 50µg/ml.

General Info

Relevance	Based on sequence similarity to VEGFA, a gene encoding a VEGF homologue has recently been discovered in the genome of Orf virus (OV) (Lyttle et al., 1994). Different isolates of Orf virus show
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significant amino acid sequence similarity to VEGFA and described as a viral virulence factor that appears to be derived from captured host genes. All eight cysteine residues of the central cysteine knot motif characteristic of members of the VEGF family are conserved among other residues in the VEGFE proteins (Dehio et al., 1999; Wise et al., 1999). Alignment of all mammalian VEGF sequences indicated that VEGFE is distinct from the previously described VEGFs but most closely related to VEGFA.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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