

EG-VEGF, human recombinant protein
PK1, PRK1, Prokineticin 1, EG-VEGF
Catalog # PBV10311r**Specification**

EG-VEGF, human recombinant protein - Product info

Primary Accession [P58294](#)
Calculated MW **9.5 kDa** **KDa**

EG-VEGF, human recombinant protein - Additional Info

Gene ID	84432
Gene Symbol	PROK1
Other Names	
PK1, PRK1, Prokineticin 1, EG-VEGF, Endocrine-gland-derived vascular endothelial growth factor, Mambakine	
Gene Source	Human
Source	Mouse myeloma cell line
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC; ≥98%
Recombinant	Yes
Target/Specificity	
EG-VEGF	

Application Notes

Reconstitute in sterile PBS to a concentration of 0.1-1.0 mg/ml containing 0.1% BSA. This solution can then be diluted into other aqueous buffers

Format

Lyophilized protein

Storage

-20°C; Lyophilized from a 0.2 µm filtered solution in PBS

EG-VEGF, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EG-VEGF, human recombinant protein - Images

EG-VEGF, human recombinant protein - Background

Human EG-VEGF (Endocrine-gland-derived Vascular endothelial growth factor) induces proliferation, migration and fenestration in capillary endothelial cells derived from endocrine glands. Recombinant EG-VEGF has a calculated molecular mass of approximately 9.5 kDa protein consisting of 86 amino acid residues.

EG-VEGF, human recombinant protein - References

Li M.,et al.Mol. Pharmacol. 59:692-698(2001).
LeCouter J.,et al.Nature 412:877-884(2001).
Fraser C.,et al.Submitted (APR-2001) to the EMBL/GenBank/DDBJ databases.
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Gregory S.G.,et al.Nature 441:315-321(2006).