

Recombinant Pig Vascular endothelial growth factor A(VEGFA)

Catalog No: #AP70910

Package Size: #AP70910-1 20ug #AP70910-2 100ug #AP70910-3 1mg

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Description

Product Name	Recombinant Pig Vascular endothelial growth factor A(VEGFA)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-190aaSequence Info:Full Length
Other Names	Vascular permeability factor ;VPF
Accession No.	P49151
Calculated MW	23.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	APMAEGDQKPHEVVVKFMDVYQRSYCRPIETLVDIFQEYPDEIEYIFKPSCVPLMRCGGCCNDEGLECVPTEEF NITMQIMRIKPHQGQHIGEMSFLQHNKCECRPKKDRARQENPCGPCSERRKHLFVQDPQTCKCCKNTDSR CKARQLELNERTCRCDKPRR
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. Induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. Binds to the FLT1,VEGFR1 and KDR,VEGFR2 receptors, heparan sulfate and heparin .

References

Nucleotide sequence and expression of the porcine vascular endothelial growth factor.Sharma H.S., Tang Z.H., Gho B.C.H., Verdouw P.D.Biochim. Biophys. Acta 1260:235-238(1995)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.