

Recombinant Mouse Vascular endothelial growth factor C(Vegfc)

Catalog No: #AP70912

Package Size: #AP70912-1 20ug #AP70912-2 100ug #AP70912-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Mouse Vascular endothelial growth factor C(Vegfc)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:108-223aaSequence Info:Full Length
Other Names	Flt4 ligand ;Flt4-LVascular endothelial growth factor-related protein ;VRP
Accession No.	P97953
Calculated MW	17 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	AHYNTEILKSIDNEWRTQCMPREVCIDVGKEFGAATNTFFKPPCVSVYRCGGCCNSEGLQCMNTSTGYLSK TLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRR
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, and endothelial cell growth, stimulating their proliferation and migration and also has effects on the permeability of blood vessels. May function in angiogenesis of the venous and lymphatic vascular systs during bryogenesis, and also in the maintenance of differentiated lymphatic endothelium in adults. Binds and activates VEGFR-2 (KDR,FLK1) and VEGFR-3 (FLT4) receptors.

References

VEGF-C receptor binding and pattern of expression with VEGFR-3 suggests a role in lymphatic vascular development.Kukk E., Lymboussaki A., Taira S., Kaipainen A., Jeltsch M., Joukov V., Alitalo K.Development 122:3829-3837(1996)Research Topic:Others

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