

Vascular endothelial growth factor C Recombinant Protein | Vegfc recombinant protein

Recombinant Mouse Vascular endothelial growth factor C

CATALOG #
AAA114033

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

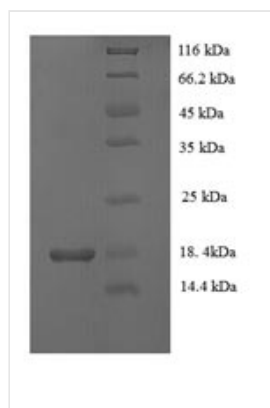
PRODUCT SYNONYMS

Vascular endothelial growth factor C; Recombinant Mouse Vascular endothelial growth factor C; Flt4 ligand; Flt4-L; Vascular endothelial growth factor-related protein; VRP; Vegfc recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	108-223aa; Full Length
Sequence	AHYNTEILKS IDNEWRTQC MPREVCIDVG KEFGAATNTF FKPPCVSVYR CGGCCNSEGL QCMNTSTGYL SKTLFEITVP LSQGPVPVTI SFANHTSCRC MSKLDVYRQV HSIIRR
Sequence Length	223
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Vegfc recombinant protein

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 systems during embryogenesis, 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) Characterization of murine Flt4 ligand/VEGF-C.Fitz L.J., Morris J.C., Towler P., Long A., Burgess P., Greco R., Wang J., Gassaway R., Nickbarg E., Kovacic S., Ciarletta A., Giannotti J., Finnerty H., Zollner R., Beier D.R., Leak L.V., Turner K.J., Wood C.R.Oncogene 15:613-618(1997) Characterization of novel VEGF (vascular endothelial growth factor) -C splicing isoforms from mouse.Wang Z.G., Puri T.S., Quigg R.J.Biochem. J. 428:347-354(2010) Mural R.J., Adams M.D., Myers E.W., Smith H.O., Venter J.C.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678565
NCBI GeneID	22341
NCBI Accession #	NP_033532.1
NCBI GenBank Nucleotide #	NM_009506.2
UniProt Accession #	P97953; Q543R6; C6F5S8; C6F5S9; C6F5T0
Molecular Weight	15 kDa
NCBI Official Full Name	vascular endothelial growth factor C
NCBI Official Synonym Full Names	vascular endothelial growth factor C
NCBI Official Symbol	Vegfc
NCBI Official Synonym Symbols	VEGF-C; AW228853
NCBI Protein Information	vascular endothelial growth factor C
UniProt Protein Name	Vascular endothelial growth factor C
UniProt Gene Name	Vegfc
UniProt Synonym Gene Names	VEGF-C; Flt4-L; VRP
UniProt Entry Name	VEGFC_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.