

Recombinant Mouse VEGFC protein ab51947

1 References

製品の詳細

製品名	Recombinant Mouse VEGFC protein
精製度	> 90 % SDS-PAGE. >90% by SDS-PAGE analyses.
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Mouse
配列	HY NTEILKSIDN EWRKTQCMR EVCIDVGKEF GAATNTFFKPPCVSVYRCGG CCNSEGLQCM NTSTGYLSKTLFEITVPLSQ GPKPVTISFANHTSCRCMSK LDVYRQVHSI IRR
領域	108 to 223

特性

Our **Abpromise guarantee** covers the use of **ab51947** in the following tested applications.

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

アプリケーション	SDS-PAGE
製品の状態	Lyophilized
備考	This product is manufactured by BioVision, an Abcam company and was previously called 4634 VEGF-C, murine recombinant. 4634-10 is the same size as the 10 µg size of ab51947. Reconstituted VEGFC should be stored in working aliquots at -80°C.

前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Constituent: 0.1% Acetic acid 50 µg BSA per 1 µg VEGFC
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再構成	We recommend a quick spin followed by reconstitution in 0.1% acetic acid to a concentration of 0.1-1.0 mg/ml.
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関連情報

機能	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.
組織特異性	Spleen, lymph node, thymus, appendix, bone marrow, heart, placenta, ovary, skeletal muscle, prostate, testis, colon and small intestine and fetal liver, lung and kidney, but not in peripheral blood lymphocyte.
配列類似性	Belongs to the PDGF/VEGF growth factor family.
翻訳後修飾	Undergoes a complex proteolytic maturation which generates a variety of processed secreted forms with increased activity toward VEGFR-3, but only the fully processed form could activate VEGFR-2. VEGF-C first form an antiparallel homodimer linked by disulfide bonds. Before secretion, a cleavage occurs between Arg-227 and Ser-228 producing an heterotetramer. The next extracellular step of the processing removes the N-terminal propeptide. Finally the mature VEGF-C is composed mostly of two VEGF homology domains (VHDs) bound by non-covalent interactions.
細胞内局在	Secreted.

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

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