

Product datasheet for **TP723474**

VEGFC (NM_005429) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human vascular endothelial growth factor C (VEGFC).
Species:	Human
Expression Host:	HEK293
Tag:	C-His
Predicted MW:	13.5 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to support rat Retinal Ganglion Cells (RGC-5) cell growth in low serum media.
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_005420
Locus ID:	7424
RefSeq Size:	2103
Cytogenetics:	4q34.3
RefSeq ORF:	1257
Synonyms:	Flt4-L; LMPH1D; LMPHM4; VRP
Summary:	The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family. The encoded protein promotes angiogenesis and endothelial cell growth, and can also affect the permeability of blood vessels. The proprotein is further cleaved into a fully processed form that can bind and activate VEGFR-2 and VEGFR-3 receptors. [provided by RefSeq, Apr 2014]
Protein Families:	Druggable Genome, Secreted Protein



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Protein Pathways: Bladder cancer, Cytokine-cytokine receptor interaction, Focal adhesion, mTOR signaling pathway, Pancreatic cancer, Pathways in cancer, Renal cell carcinoma