

## Product datasheet for **TP720451M**

### VEGFC (NM\_005429) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human vascular endothelial growth factor C (VEGFC)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Phe32-Arg227
Tag:	C-His
Predicted MW:	23.3 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_005420</a>
Locus ID:	7424
UniProt ID:	<a href="#">P49767</a>
Cytogenetics:	4q34.3
Synonyms:	Flt4-L; LMPH1D; LMPHM4; VRP



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**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

**Protein Pathways:**

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

**Product images:**