

# Human CellExp™ VEGF R3 / FLT4, Fc Tag, Mouse Recombinant

03/19

**CATALOG NO:** P1405-10 10 µg  
P1405-50 50 µg

**ALTERNATE NAMES:** Flt-4, FLT4, LMPH1A, PCLFLT41, VEGFR3, VEGFR-3, FLT-4, FLT-41, FLT41, PCL

**MOL. WT.** This protein carries a mouse IgG2a Fc tag at the C-terminus. The protein has a calculated MW of 111.5 kDa. The protein migrates as 116-125 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

**SOURCE:** HEK 293 cells

**PURITY:** >95% SDS-PAGE.

**ENDOTOXIN:** Less than 0.1 EU per µg by the LAL method.

**FORM:** Lyophilized

**FORMULATION:** Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH 7.5. Normally trehalose is added as protectant before lyophilization.

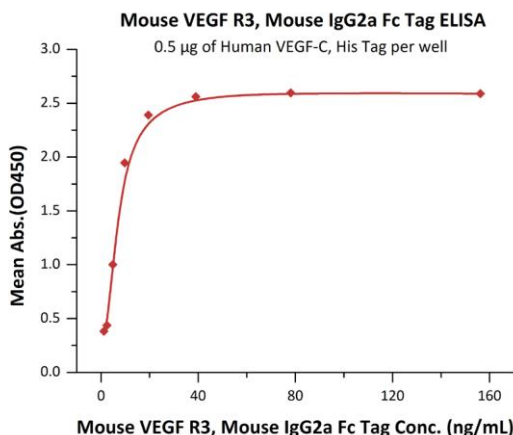
**RECONSTITUTION:** Reconstitute in sterile deionized water to the desired protein concentration.

**SPECIFIC ACTIVITY:** Immobilized Human VEGF-C, His Tag at 5 µg/mL (100 µL/well) can bind Mouse VEGF R3, Mouse Fc Tag, low endotoxin with a linear range of 1-10 ng/mL

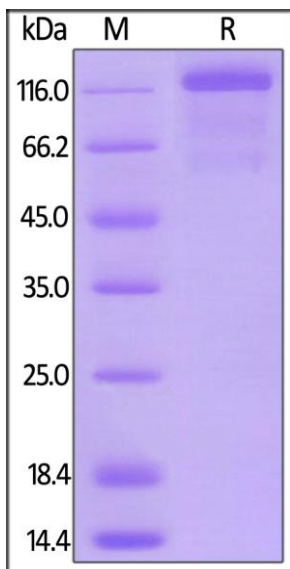
**STORAGE CONDITIONS:** Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.

**DESCRIPTION:** Vascular endothelial growth factor receptor 3 (VEGF R3), also known as FLT-4, together with the other two members VEGFR1 (FLT-1) and VEGFR2 (KDR/Flk-1) are receptors for vascular endothelial growth factors (VEGF) and belong to the class III subfamily of receptor tyrosine kinases (RTKs). VEGF R3 mediates lymphangiogenesis in response to VEGF-C and VEGF-D. VEGF R3 is widely expressed in the early embryo but becomes restricted to lymphatic endothelia at later stages of development. It is likely that VEGF R3 may be important for lymph angiogenesis.

**AMINO ACID SEQUENCE:** Tyr 25 - Asp 770



Immobilized Human VEGF-C, His Tag at 5 µg/mL (100 µL/well) can bind Mouse VEGF R3, Mouse Fc Tag, low endotoxin with a linear range of 1-10 ng/mL



Mouse VEGF R3, Mouse IgG2a Fc Tag, low endotoxin on SDS-PAGE under reducing (R) condition.

**RELATED PRODUCTS:**

Human CellExp™ VEGF R3, Fc Tag, human recombinant (P1148)

***FOR RESEARCH USE ONLY! Not to be used on humans.***