

For Research Use Only

Recombinant Mouse VEGFR3/FLT4 protein (rFc Tag)



Catalog Number: Eg6355

Basic Information

Species:
Mouse

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/ μ g protein, LAL method

Source:
HEK293-derived Mouse VEGFR3 protein Tyr25-Glu775 (Accession# P35917) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
14257

Accession:
P35917

Predicted Molecular Mass:
111.0 kDa

SDS-PAGE:
115-150 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

VEGFR3 (also termed FLT4) is a single-pass, type-I transmembrane receptor tyrosine kinase that serves as the principal signaling hub for vascular endothelial growth factors C and D (VEGF-C/VEGF-D). It is encoded by the human FLT4 gene and plays indispensable roles in both developmental and adult lymphangiogenesis, as well as in cardiovascular morphogenesis.

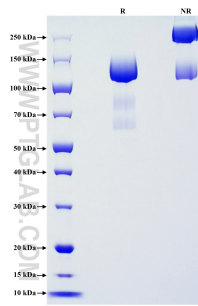
References

Monaghan, Richard M et al. Cardiovascular research vol. 117,8 (2021): 1877-1890.

Synonyms

Flt4, Flt-4, Fms-like tyrosine kinase 4, VEGFR-3

Selected Validation Data



Purity of Recombinant Mouse VEGFR3 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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