

Recombinant Mouse VEGF-A/VEGF164 Protein

RPES3678

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES3678

Purity: > 90 % as determined by reducing SDS-PAGE.

Contents: 50µg, 10µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Mouse

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Synonyms: VEGF-A, VEGF164, VEGFA, VEGFA164, VPF, Vascular endothelial growth factor A, Vascular permeability factor

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

Tag: None

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: P.pastoris

Bio-Activity: Loaded Mouse VEGFR2-Fc(RPES6641) on Protein A Biosensor, can bind Mouse VEGF 164(CX73) with an affinity constant of 0.44 nM as determined in BLI assay.

Calculated MW: 19.3 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 250mM NaCl, pH7.0. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: 18-22 kDa

Reconstitution: Please refer to the printed manual for detailed information. Loaded Mouse VEGFR2-

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Fc(RPES6641) on Protein A Biosensor, can bind Mouse VEGF 164(CX73) with an affinity constant of 0.44 nM as determined in BLI assay.

Accession: Q00731-2

Source: P.pastoris-derived Mouse VEGF-A/VEGF164 protein Ala27-Arg190

Sequence: Ala27-Arg190

Form: Lyophilized powder

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Notes: Centrifuge before opening to ensure complete recovery of vial contents.