

Recombinant Mouse VEGF-D/VEGFD Protein (His Tag)

RPES3700

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: RPES3700

Purity: > 95 % 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: FIGF, VEGFD, Vascular endothelial growth factor D, c-Fos-induced growth 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: C-His

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

Expression Host: HEK293 Cells

Bio-Activity: Loaded Recombinant Mouse VEGFR2 (C-Fc)(RPES6641) on Pro-A Biosensor, can bind Recombinant Mouse VEGF-D (C-6His)(RPES3700) with an affinity constant of 1.61 nM as determined in BLI assay.

Calculated MW: 13.1 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. 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.

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

Observed MW: 17-20 kDa

Reconstitution: Please refer to the printed manual for detailed information. Loaded Recombinant Mouse VEGFR2 (C-Fc) (RPES6641) on Pro-A Biosensor, can bind Recombinant Mouse VEGF-D (C-6His)(RPES3700) with an affinity constant of 1.61 nM as determined in BLI assay.

Accession: P97946

Source: HEK293 Cells-derived Mouse VEGF-D/VEGFD protein Phe98-Ser206 , with an C- terminal His

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

Sequence: Phe98-Ser206

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

Form: Lyophilized powder