

Recombinant Mouse FLRG/Fstl3 Protein (His Tag)

RPES5220

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: RPES5220

Purity: > 85 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Mouse

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

Synonyms: E030038F23Rik, Flrg

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: 1. Immobilized mouse FLRG-His at 10 µg/ml (100 µl/well) can bind biotinylated human INHBA-His with a linear range of 6. 25-50 ng/ml. 2. Immobilized mouse FLRG-His at 10 µg/ml (100 µl/well) can bind biotinylated mouse INHBA-His with a linear range of 6. 25-50 ng/ml. 3. Measured by its ability to neutralize Activin-mediated inhibition on MPC11 cell proliferation. The ED50 for this effect is typically 5-25 ng/mL in the presence of 10 ng/mL rhActivin A.

Calculated MW: 26 kDa

Formulation: Lyophilized from sterile PBS, 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: 35-40 kDa

Reconstitution: Please refer to the printed manual for detailed information.

Accession: NP_113557.1

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

Source: HEK293 Cells-derived Mouse FLRG/Fstl3 protein Met 1-Val 256, with an C-terminal His

Sequence: Met 1-Val 256

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

Form: Lyophilized powder