

Recombinant Mouse R-Spondin 1/RSPO1 Protein (His Tag)

RPES3108

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: RPES3108

Purity: > 95 % as determined by reducing SDS-PAGE.

Contents: 100µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Mouse

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

Synonyms: R-spondin, Rspodin

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: CHO Stable Cells

Bio-Activity: Measured by its ability to induce activation of β-catenin response in a Topflash Luciferase assay using HEK293T human embryonic kidney cells. The ED50 for this effect is typically 50-200 ng/ml in the presence of 50 ng/ml recombinant mouse Wnt3a.

Calculated MW: 28.5 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.

Observed MW: 44 kDa

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

Accession: NP_619624.2

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: CHO Stable Cells-derived Mouse R-Spondin 1/RSPO1 protein Met 1-Gln 265, with an C-terminal His

Sequence: Met 1-Gln 265

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

Form: Lyophilized powder