Recombinant Mouse Latexin/LXN Protein (His Tag)

RPES5004

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: RPES5004

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

Species: Mouse

Synonyms: MGC144352, MGC144353

Tag: N-His

Expression Host: E.coli

Calculated MW: 26.3 kDa

Observed MW: 32 kDa

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

Concentration: -

Endotoxin: Please contact us for more information.

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Store Bradford Reagent at Room Temperature for 1 year.

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

Bio-Activity: Measured by its ability to inhibit carboxypeptidase-A1 cleavage of the colorimetric peptide substrate Ac-Phe-Thiaphe-OH in the presence of 5, 5'Dithiobis(2-nitrobenzoic acid) (DTNB). The IC50 value is < 2.0 nM.

Formulation: Lyophilized from sterile PBS, pH 8.0, 10% glycerol 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.

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

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

Accession: NP_058033.2

Source: E.coli-derived Mouse Latexin/LXN protein Glu 2-Glu 222, with an N-terminal His

Sequence: Glu 2-Glu 222

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.