

Recombinant Streptomyces hygroscopicus Bar Protein

RPES4076

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: RPES4076

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

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

Concentration: -

Species: Streptomyces Hygroscopicus

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

Synonyms: PPT N-acetyltransferase,
Phosphinothricin N-acetyltransferase,
Phosphinothricin-resistance protein, bar

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: E.coli

Bio-Activity: Not validated for activity

Calculated MW: 20.6 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 12.5mM Tris-HCl, 50mM NaCl, 5% Trehalose, 5% Mannitol, 0.01% Tween 80, 2mM DTT, 1mM EDTA, pH8.5. 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: 18-20 kDa

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

Accession: P16426

Source: E.coli-derived Streptomyces
hygroscopicus Bar protein Met1-Ile183

Sequence: Met1-Ile183

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.