

Recombinant *S. cerevisiae* TIM16 Protein

RPES4008

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: RPES4008

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

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

Concentration: -

Species: *S. Cerevisiae*

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

Synonyms: Mitochondrial import inner membrane translocase subunit TIM16, PAM16, Presequence translocated-associated motor subunit PAM16, TIM16

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: 7.9 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 300mM NaCl, pH 8.0. 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: 11 kDa

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

Accession: P42949

Source: E.coli-derived S. cerevisiae TIM16 protein Thr54-Ala119

Sequence: Thr54-Ala119

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.