Recombinant Human SUMO1 Protein (His Tag)

RPES1690

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: RPES1690

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

Species: Human

Synonyms: DAP1, GAP-Modifying Protein 1, GMP1, OFC10, SENP2, SMT3, SMT3 Homolog 3, SMT3C, SMT3H3, SUMO-1, SUMO1, Sentrin, Small Ubiquitin-Related Modifier 1, Smt3C, UBL1, Ubiquitin-Homology Domain Protein PIC1, Ubiquitin-Like Protein, Ubiquitin-Like Protein SMT3C

Tag: N-His

Expression Host: E.coli

Calculated MW: 13.7 kDa

Observed MW: 17-19 kDa

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

Concentration: -

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

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: Not validated for activity

Formulation: Lyophilized from a 0.2 µm filtered solution of 50mM Tris-HCl, 100mM NaCl, 1mM DTT, pH 8.5 . 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.

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

Accession: AAH66306

Source: E.coli-derived Human SUMO1 protein Met 1-Val101, with an N-terminal His

Sequence: Met 1-Val101

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.