

Recombinant Human SUMO1 Protein (His Tag)

RPES4527

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: RPES4527

Purity: > 90 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Human

Endotoxin: Please contact us for more information.

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

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: N-His

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

Expression Host: E.coli

Bio-Activity: Measured by its ability to be proteolytically processed by SENP1. > 50% of 1 µg Recombinant Human (rh) SUMO1 is cleaved by < 10 ng of recombinant human SENP.

Calculated MW: 12.4 kDa

Formulation: Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.5 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: -

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: AAH66306.1

Source: E.coli-derived Human SUMO1 protein Ser 2-Val 101, with an N-terminal His

Sequence: Ser 2-Val 101

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.