

Recombinant Human Sentrin-specific protease 2(catalytic domain)/SEN2 protein

Catalog No.: RP10025LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	59343	Q9HC62

Tags

His Tag

Synonyms

AXAM2;SMT3IP2;SEN2

Background

SUMO1-3 (small ubiquitin-related modifiers) are ubiquitin-like proteins that can be conjugated to substrate proteins using a cascade of enzymatic reactions. Protein sumoylation can be reversed by the sentrin-specific (SUMO is also named sentrin) proteases (SENPs). In human cells, SENPs have six members including SENP1, SENP2, SENP3, SENP5, SENP6 and SENP7. SENPs mostly reside in the nucleus. They function to generate mature SUMO1-3 from the SUMO precursors and attenuate signals mediated by sumoylation. The SENP2 catalytic domain comprises amino acid from 365 to 590.

Basic Information

Description

Bio-Activity

Storage

This product is stable at $\leq -70^{\circ}\text{C}$ for up to 6 months from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.

Product Information

Source

E. coli

Purification

~95% by SDS-PAGE

Endotoxin

Formulation

20 mM Tris, 150 mM NaCl, 2 mM β ME, 10% Glycerol

Reconstitution

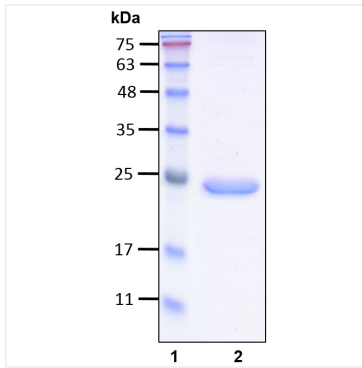
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Validation Data



Recombinant human Sentrin-specific protease 2(catalytic domain)/SEN2 protein was determined by SDS-PAGE with Coomassie Blue.