

RP10246D

Leader in Biomolecular Solutions for Life Science



biotin-SUMO2-VME

Catalog No.: RP10246D

Sequence Information

Species	Gene ID	Swiss Prot
Chemical synthesis	6613	P61956

Tags

No Tag

Synonyms

HSMT3; SMT3B; SMT3H2; SUMO3;
Smt3A;SUMO2;SMT3B;SMT3H2;SUMO
3;Smt3A

Product Information

Source	Purification
Chemical synthesis	≥95% by RP-HPLC

Endotoxin

Formulation

powder, no buffer

Reconstitution

Background

A potent, irreversible and specific inhibitor of deSUMOylation proteases (SENPs) that cleave SUMO2 conjugates. It is N-terminally tagged with a biotin, which allows for sensitive identification of SENPs using HRP-conjugated streptavidin in immunoblotting assays, or purification of SENPs using streptavidin resin. The biotin tag is separated from SUMO2 by an aminohexanoic acid (Ahx) linker that could increase the reactivity of the biotin moiety. In addition, Cys48 in SUMO2 was mutated to Ser.

Basic Information

Description

Bio-Activity

Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

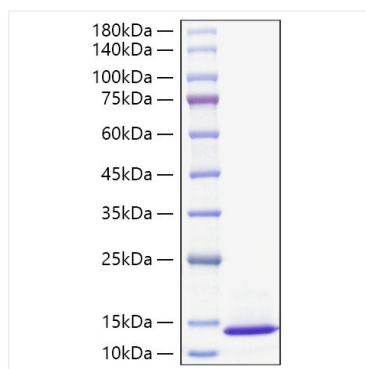
Contact



www.abclonal.com

* For your safety and health, please wear a lab coat and disposable gloves when handling.

Validation Data



biotin-SUMO2-VME was determined by SDS-PAGE with Coomassie Blue, showing a band at 10-15 kD.