

biotin-SUMO2-VME

Catalog No.: RP10246D

Sequence Information

Species	Gene ID	Swiss Prot
Human	6613	P61956

Tags

No Tag

Synonyms

HSMT3; SMT3B; SMT3H2; SUMO3;
Smt3A;SUMO2;SMT3B;SMT3H2;SUMO3;S
mt3A

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

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.

Contact

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