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recombinant protein hSUMO2-Rhodamine

Recombinant hSUMO2-Rhodamine
Catalog # PBV10647r

Specification

recombinant protein hSUMO2-Rhodamine - Product info

Primary Accession	P61956
Calculated MW	10.831 kDa KDa

recombinant protein hSUMO2-Rhodamine - Additional Info

Gene ID	6613
Gene Symbol	SUMO2
Gene Source	Human
Assay&Purity	RP-HPLC; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes

Format
Lyophilized powder

Storage
-80°C; Lyophilized powder

recombinant protein hSUMO2-Rhodamine - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

recombinant protein hSUMO2-Rhodamine - Images

recombinant protein hSUMO2-Rhodamine - Background

SUMO2-rhodamine 110 is a quenched fluorescent substrate for desumoylases, e.g. Sentrin protease 1 (SenP1) and SenP2. Cleavage of the amide bond between the C-terminal glycine of human SUMO2 and the fluorophore releases monoglycyl rhodamine 110 resulting in an increase in rhodamine fluorescence at 535 nm (Exc. 485 nm).

recombinant protein hSUMO2-Rhodamine - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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