

recombinant protein hSUMO1-AMC
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Catalog # PBV10645r**Specification**

recombinant protein hSUMO1-AMC - Product info

Primary Accession [P63165](#)
Calculated MW **11.142 kDa KDa**

recombinant protein hSUMO1-AMC - Additional Info

Gene ID	7341
Gene Symbol	SUMO1
Gene Source	Human
Assay&Purity	RP-HPLC; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Format	
Lyophilized powder	

Storage

-80°C; Lyophilized powder

recombinant protein hSUMO1-AMC - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

recombinant protein hSUMO1-AMC - Images**recombinant protein hSUMO1-AMC - Background**

hSUMO1-AMC is prepared via the conjugation of 7-amino-4-methylcoumarin (AMC) to the C-terminal Gly of hSUMO1. This conjugation quenches the intrinsic fluorescence of AMC. Upon incubation with a protease recognizing hSUMOs, such as Senp1 or Senp2, AMC is released and the increase in fluorescence at 460 nm (Exc. 380 nm) can be measured. The enhanced purity of hSUMO1-AMC compared to that of other commercial vendors leads to a greater signal to noise ratio. This protein contains no extraneous tags.

recombinant protein hSUMO1-AMC - References

Lapenta V.,et al.Genomics 40:362-367(1997).
Boddy M.N.,et al.Oncogene 13:971-982(1996).
Shen Z.,et al.Genomics 36:271-279(1996).
Mahajan R.,et al.Cell 88:97-107(1997).
Matunis M.J.,et al.J. Cell Biol. 135:1457-1470(1996).