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recombinant protein hSUMO1-AMC
Recombinant hSUMO1-AMC
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 Cytomety
- 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).