

recombinant protein hSUMO2-AMC
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Catalog # PBV10646r**Specification**

recombinant protein hSUMO2-AMC - Product info

Primary Accession	P61956
Calculated MW	10.619 kDa KDa

recombinant protein hSUMO2-AMC - 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-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 hSUMO2-AMC - Images**recombinant protein hSUMO2-AMC - Background**

hSUMO2-AMC is prepared via the conjugation of 7-amino-4-methylcoumarin (AMC) to the C-terminal Gly of hSUMO2. 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 hSUMO2-AMC compared to that of other commercial vendors leads to a greater signal to noise ratio. This protein contains no extraneous tags.

recombinant protein hSUMO2-AMC - References

Mannen H.,et al.Biochem. Biophys. Res. Commun. 222:178-180(1996).
Lapenta V.,et al.Genomics 40:362-367(1997).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
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