

Recombinant Human UBAMC Protein

Cat. No. UBAMC-383H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBAMC Protein is produced by Bacteria expression system.
Species	Human
Source	E.coli
Description	Ubiquitin 7-amido-4-methylcoumarin (Ub-AMC) is a sensitive fluorescence-based substrate of deubiquitinating enzymes. It is useful for monitoring deubiquitinating enzymes' activity or screening inhibitors of deubiquitinating enzymes. The concentration of Ub-AMC used in deubiquitinating reactions is usually 0.1-1 μ M. The released AMC fluorescence can be monitored using a fluorometer or plate reader with excitation and emission wavelengths at 360 nm and 460 nm, respectively.
Form	DMSO
Molecular Mass	9 kDa
Purity	> 95 % by SDS-PAGE
Notes	Avoid mixing with compound or buffer containing free amino group.
Storage	Store at -80 centigrade; avoid multiple freeze-thaw cycles.

GENE INFORMATION

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Synonyms	Ubiquitin-AMC
UBAMC-383H, 1	LC-MS analysis. Mobile phase A = 1% CH ₃ CN, 0.1% formic acid in water (milliQ) and B = 1% water (milliQ) and 0.1% formic acid in CH ₃ CN. Phenomenex Kinetex C18, (2.1×50 mm, 2.6 μM); flow rate=0.8 mL/min, runtime = 6 min, column T = 40 centigrade. Gradient: 5% to 95% over 3.5 min.
UBAMC-383H, 2	Coomassie Blue staining of 5 ug Ub-AMC in SDS-PAGE.

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