

RP10247DLQ

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Ub-AMC

Catalog No.: RP10247DLQ

Sequence Information

Species	Gene ID	Swiss Prot
Chemical synthesis		P0CG47

Tags

No Tag

Synonyms

Ub

Product Information

Source	Purification
Chemical synthesis	≥ 90 % as determined by SDS-PAGE.

Endotoxin

Please contact us for more information.

Formulation

20 mM Tris, 150 mM NaCl, 2 mM βME, 10% Glycerol (pH 7.1 at 37°C)

Reconstitution

Background

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 μM. 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.

Basic Information

Description

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

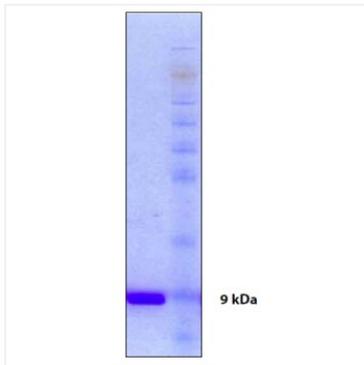
Contact



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Validation Data



Ub-AMC was determined by SDS-PAGE under reducing conditions with Coomassie Blue.