

Lot # XXXXX

BostonBiochem

MATERIAL DATA SHEET

NEDD8 AMC, *human recombinant* **Cat. # UL-552**

Fluorogenic substrate for NEDD8 hydrolases based on the carboxy-terminus derivatization of NEDD8 with 7-amido-4-methylcoumarin (AMC). NEDD8 AMC is useful for studying NEDD8 hydrolases when detection sensitivity or continuous monitoring of activity is essential.

Product Information

Quantity:	50 µg
Stock:	X mg/ml (X µM) in 50 mM MOPS 6.5, 150 mM NaCl. Actual concentration will vary with specific Lot #.
MW:	9 kDa
Purity:	> 95% by HPLC

Use & Storage

Use:	Substrate concentrations for assay range from 0.1-1 µM. Release of AMC fluorescence can be monitored using Ex ₃₈₀ nm and Em ₄₆₀ nm wavelengths respectively.
Storage:	Store at -80°C. Avoid multiple freeze/thaw cycles.

Literature

References:	Gan-Erdene T., <i>et al.</i> (2003) <i>J. Biol. Chem.</i> 278 :28892-28900 Wu K, <i>et al.</i> (2003) <i>J. Biol. Chem.</i> 278 :28882-288891
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