

RP10200DLQ

Leader in Biomolecular Solutions for Life Science

# N-terminal TAMRA-Ubiquitin

Catalog No.: RP10200DLQ

## Sequence Information

Species	Gene ID	Swiss Prot
chemical synthesis		P0CG47

### Tags

No Tag

### Synonyms

Ub

## Product Information

Source	Purification
chemical synthesis	>95% by FPLC

### Endotoxin

### Formulation

20 mM Tris, 150 mM NaCl, 10% glycerol ( pH 7.6 at 4 °C )

### Reconstitution

## Background

N-terminal TAMRA-Ub (also called TAMRA-Ub) is a fluorescent Ub, in which TAMRA (5-tetramethylrhodamine) is covalently conjugated on the N-terminus of Ub. All seven lysine residues in TAMRA-Ub are available for ubiquitination. This product can be used for determination of protein ubiquitination or E1/E2/E3 enzyme activity using sensitive in-gel fluorescence. TAMRA fluorescence is detected using excitation/emission wavelengths at 550 nm/590 nm, respectively.

## Basic Information

### Description

### Bio-Activity

### Storage

Store at -70°C. This product is stable at  $\leq -70^{\circ}\text{C}$  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.

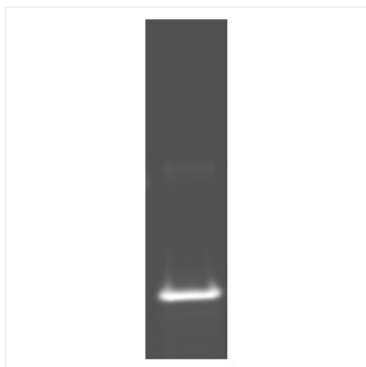
## Contact



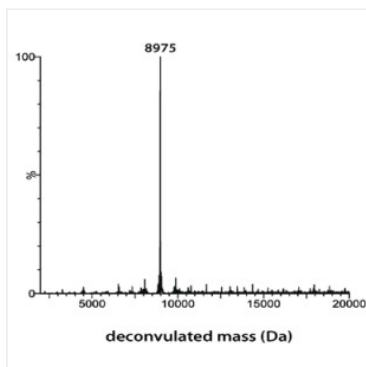
[www.abclonal.com](http://www.abclonal.com)

## Validation Data

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SDS-PAGE analysis of N-terminal TAMRA-Ub.



LC-MS analysis of N-terminal TAMRA-Ub. TAMRA fluorescence was visualized with excitation/emission wavelengths at 550 nm/590 nm.