

Lot # XXXXX

BostonBiochem

## MATERIAL DATA SHEET

**Ubiquitin Mutant No K, *human recombinant***

**Cat. # UM-NOK**

This ubiquitin mutant contains no lysine residues, with all lysines mutated to arginine. This mutation renders ubiquitin unable to form poly-ubiquitin chains and is useful as a negative control.

### Product Information

<b>Quantity:</b>	1 mg, lyophilized powder
<b>MW:</b>	8.5 kDa
<b>Solubility:</b>	Soluble and stable in aqueous buffers up to 10 mg/ml.
<b>Purity:</b>	> 95% by SDS-PAGE

### Use & Storage

<b>Use:</b>	Typical concentrations for non rate-limiting support of <i>in vitro</i> conjugation reactions range from 200 $\mu$ M-1 mM depending on experimental conditions.
<b>Storage:</b>	Store at -20°C after solubilization in desired buffer. Avoid multiple freeze/thaw cycles.

### Literature

<b>References:</b>	Hershko A., <i>et al.</i> (1991) <u>J. Biol. Chem.</u> <b>266</b> :16376-16379 Hershko A., <i>et al.</i> (1995) <u>Biochem. Biophys. Res. Comm.</u> <b>128</b> :1079-1086
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