

Lot # XXXXX

BostonBiochem

MATERIAL DATA SHEET

His₆-Ubiquitin Mutant No K, *human recombinant* **Cat. # UM-HNOK**

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

Product Information

Quantity:	1 mg, lyophilized powder
MW:	9.3 kDa
Solubility:	Soluble and stable in aqueous buffers up to 5 mg/ml.
Purity:	> 95% by SDS-PAGE

Use & Storage

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

Literature

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