
MATERIAL DATA SHEET

His₆-Ubiquitin Mutant with K63 only, *human recombinant*
Cat. # UM-HK630

This ubiquitin mutant contains only a single lysine, K63, with all other lysines mutated to arginine. This mutation renders ubiquitin able to form poly-ubiquitin chains with other ubiquitin molecules only via the K63 lysine.

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 multiple freeze/thaw cycles.

Literature

References:	Arnason T., <i>et al.</i> (1994) <i>Mol. Cell. Biol.</i> 14 :7876-7883 Spence J., <i>et al.</i> (1995) <i>Mol. Cell. Biol.</i> 15 :1265-1273
--------------------	---

For Laboratory Research Use Only, Not For Use in Humans