

Recombinant Human Di-Ubiquitin Protein (K63 Linked)

Cat. No. Di-Ubiquitin-43H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Di-Ubiquitin Protein (K63 Linked) without tag was expressed in E. coli
Species	Human
Source	E.coli
Description	Poly-ubiquitination of target proteins through K63 has recently become the focus of intense study. The topology of this linkage type is quite different from polyubiquitin linked through lysine 48. Modification of proteins by K63-linked poly-ubiquitination has been implicated in, among other cellular processes, the regulation of the DNA damage response, endosomal sorting, autophagy of misfolded/aggregated proteins, and neurodegeneration. These di-ubiquitin chains are generated from the enzymatic linkage of wild-type ubiquitin through lysine 63. The most distal ubiquitin contains an arginine substitution for the lysine at position 63, limiting chain length.
Molecular Mass	17,139.7 Da
Storage	At -80 centigrade, avoid freeze/thaw cycles
Storage Buffer	20 mM Tris, pH 7.5, 150 mM NaCl, 1 mM EDTA

GENE INFORMATION

Official Symbol	Di-Ubiquitin
------------------------	--------------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms

Di-Ubiquitin; Ub2

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA