Recombinant Human Di-Ubiquitin Protein (DUB-Resistant K48-Linked)

Cat. No. Di-Ubiquitin-38H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Di-Ubiquitin Protein (DUB-Resistant K48-Linked) without tag was expressed in E. coli. The product contains a K48R mutation in the distal ubiquitin and a wild-type C-terminus on the proximal ubiquitin.
Species	Human
Source	E.coli
Description	DUB-resistant, K48-linked Di-ubiquitin (Ub2) contains an amino acid substitution near the C-terminus of the distal ubiquitin that renders it resistant to deubiquitylases (DUBs). DUB-resistant ubiquitin chains are ideal reagents for structural or binding studies with deubiquitylases or other ubiquitin binding proteins. They can also be used as inhibitors or to determine the linkage-specificity of DUBs.
Molecular Mass	17,123.7 Da
Purity	≥ 90% by RP-HPLC
Applications	Structural or binding studies with deubiquitylases and other ubiquitin binding proteins. Inhibition or determination of linkage-specificity of DUBs
Storage	At -80 centigrade, avoid freeze/thaw cycles
Concentration	1 mg/mL

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Storage Buffer	20 mM Tris pH 7.5, 150 mM NaCl, 1 mM EDTA

GENE INFORMATION

Official Symbol	Di-Ubiquitin
Synonyms	Di-Ubiquitin; Ub2

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