

K48-linked di-ubiquitin, Ub2

Cat. No. Di-Ubiquitin-03 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description

Poly-ubiquitylation of target proteins through lysine 48 is the most thoroughly studied of the various chain linkages and once considered the hallmark of ubiquitylation. It is now clear that many, if not all, poly-Ub chain topologies play distinct and important roles in regulating cellular processes. Nevertheless, polyubiquitylation through lysine 48 is considered the primary signal for proteasomemediated degradation. K48-linked di-ubiquitin chains are generated from the enzymatic linkage (E2-25K) of wild-type ubiquitin through lysine 48. The most distal ubiquitin contains an arginine substitution for lysine at position 48, limiting chain length.

Form Liquid

Molecular Mass 17139.7 Da

Purity > 95% by Western blot analysis

Storage At -80 centigrade. Avoid repeated freeze/thaw cycles.

Concentration >1 mg/mL

Storage Buffer 20mM Tris-HCl, pH 7.5, 0.15M NaCl, 1mM EDTA

GENE INFORMATION

Official Symbol Di-Ubiquitin

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

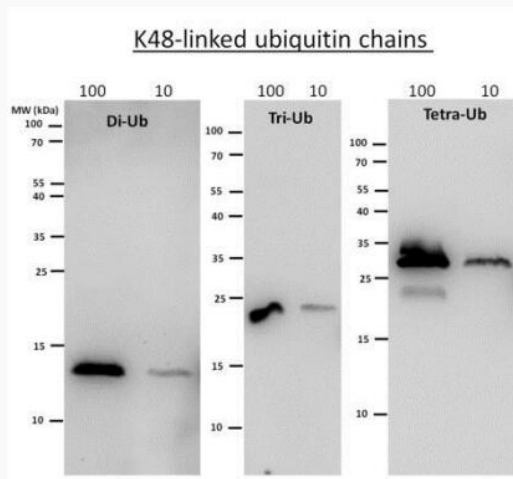
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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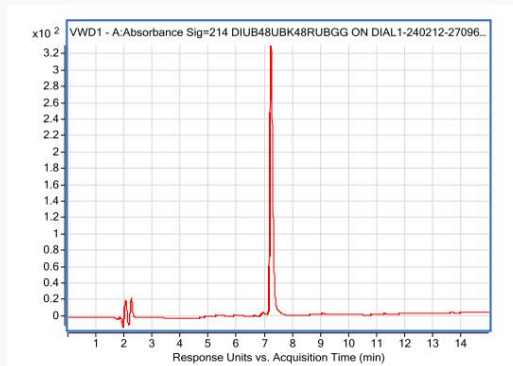
Synonyms

di-ubiquitin; Ub2; K48-linked di-ubiquitin

SDS-PAGE



RP-HPLC Profile



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