

Recombinant Human UBK48R Protein, His-tagged

Cat. No. UBK48R-417H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBK48R Protein is produced by Bacteria expression system. This protein is fused with a His tag.
Species	Human
Source	E.coli
Description	Ubiquitin (Ub) is a 76 amino acid protein widely expressed in the cytoplasmic and nucleus of cells. Ub is posttranslationally conjugated to proteins by the E1, E2, E3 protein ubiquitination cascade. Ub can be conjugated on proteins as monoUb or polyUb chains. Protein ubiquitination plays both proteolytic and nonproteolytic functions. Usually, polyubiquitinated proteins are targeted to the 26S proteasome for proteolysis. Typical concentration to support in vitro ubiquitination is 50-100 μ M. In Ub(K48R), lysine 48 was substituted with an arginine, thereby it cannot form lysine 48-linked polyubiquitin chains.
Form	20 mM Tris, 150 mM NaCl, 2 mM β ME, 10% Glycerol
Molecular Mass	8.5 kDa
Purity	> 95 % by SDS-PAGE
Storage	Store at -80 centigrade; avoid multiple freeze-thaw cycles.

GENE INFORMATION

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Synonyms

Ubiquitin (K48R)

UBK48R-417H, 1

Coomassie-stained SDS-PAGE

Lane 1: Molecular weight markers

Lane 2: 5 g purified 6xHis-Ubiquitin (K0)

Lane 3: 5 g purified 6xHis-Ubiquitin (K6R)

Lane 4: 5 g purified 6xHis-Ubiquitin (K11R)

Lane 5: 5 g purified 6xHis-Ubiquitin (K27R)

Lane 6: 5 g purified 6xHis-Ubiquitin (K29R)

Lane 7: 5 g purified 6xHis-Ubiquitin (K33R)

Lane 8: 5 g purified 6xHis-Ubiquitin (K48R)

Lane 9: 5 g purified 6xHis-Ubiquitin (K63R)

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