Recombinant Human UB Protein, His-GFP-tagged

Cat. No. UB-402H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UB Protein is produced by Bacteria expression system. This protein is fused with a His-GFP tag at the N-teminus.
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 μM. Ub-GFP is a fusion protein with ubiquitin fused at the N-teminus of GFP. The protein was expressed and purified in E. Coli.
Form	20 mM Tris, 150 mM NaCl, 2 mM βME, 10% Glycerol
Molecular Mass	35.5 kDa
Purity	> 95 % by SDS-PAGE
Storage	Store at -80 centigrade; avoid multiple freeze-thaw cycles.

GENE INFORMATION

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Synonyms	Ubiquitin
UB-402H, 1	Coomassie-stained SDS-PAGE Lane 1: Molecular weight markers Lane 2: 5 μg purified 6xHis-Ub-GFP

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