Active Recombinant Human UBB Protein, His-tagged

Cat. No. UBB-002H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ubiquitin protein contains an N-terminal 6-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Bio-activity	Recombinant Human His6-Ubiquitin can be conjugated to substrate proteins via the subsequent actions of a Ubiquitin-activating (E1) enzyme, a Ubiquitin-conjugating (E2) enzyme, and a Ubiquitin ligase (E3). Reaction conditions will need to be optimized for
Molecular Mass	9.6 kDa
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 24 months from date of receipt, -20 to -70 centigrade as supplied. 3 months, -20 to -70 centigrade under sterile conditions after opening.
Storage Buffer	2.4 mg/ml (250 μM) in 10 mM HEPES pH 7.5
Shipping	The product is shipped with polar packs.

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GENE INFORMATION

Gene Name	UBB ubiquitin B [Homo sapiens (human)]
Official Symbol	UBB
Synonyms	UBB; ubiquitin B; HEL-S-50; polyubiquitin-B; epididymis secretory protein Li 50; polyubiquitin B
Gene ID	7314
mRNA Refseq	NM_018955
Protein Refseq	NP_061828
MIM	191339
UniProt ID	P0CG47

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