Recombinant Human UBC Protein

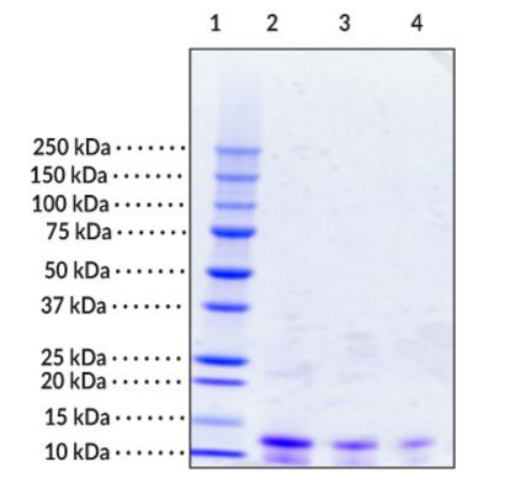
Cat. No. UBC-087H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UBC protein without tag was expressed in E. coli
Species	Human
Source	E.coli
Description	This gene represents a ubiquitin gene, ubiquitin C. The encoded protein is a polyubiquitin precursor. Conjugation of ubiquitin monomers or polymers can lead to various effects within a cell, depending on the residues to which ubiquitin is conjugated. Ubiquitination has been associated with protein degradation, DNA repair, cell cycle regulation, kinase modification, endocytosis, and regulation of other cell signaling pathways.
Molecular Mass	12.1 kDa
Purity	≥95% as determined by SDS-PAGE
Stability	≥ 6 months
Storage	At -80 centigrade.
Storage Buffer	50 mM Tris, pH 7.5, 150 mM sodium chloride, containing 5% glycerol

GENE INFORMATION

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Gene Name	UBC ubiquitin C [Homo sapiens (human)]
Official Symbol	UBC
Synonyms	UBC; ubiquitin C; HMG20; polyubiquitin-C
Gene ID	7316
mRNA Refseq	NM_021009
Protein Refseq	NP_066289
MIM	191340
UniProt ID	P0CG48
SDS-PAGE analysis of Ubiquitin	 Lane 1: MW Markers Lane 2: Ubiquitin (10 µg) Lane 3: Ubiquitin (5

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	μg) Lane 4: Ubiquitin (2 μg)

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