

## Recombinant Human UFC1, His-tagged

Cat. No. UFC1-30871TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human UFC1 with an N terminal His tag; 187 amino acids, predicted MWt 21.6kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	167 amino acids
<b>Description</b>	UFC1 is an E2-like conjugating enzyme for ubiquitin-fold modifier-1 (UFM1; MIM 610553) (Komatsu et al.
<b>Conjugation</b>	HIS
<b>Molecular Weight</b>	21.600kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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**Sequences of amino acids**

MGSSHHHHHSSGLVPRGSHMADEARRVSEIPVLKTNAGPRDRELWVQRLKEE  
 YQSLIRYVENNKNADNDWFRLESNKEGTRWFGKCWYIHDLLKYEFDIEFDIPITYPTT  
 APEIAVPELDGKTAKMYRGGKICLTDHFKPLWARNVPKFGLAHLMALGLGPWLAVEI  
 PDLIQKGVIQHKEKCNQ

**Sequence Similarities**

Belongs to the ubiquitin-conjugating enzyme family. UFC1 subfamily.

## GENE INFORMATION

**Gene Name** [UFC1 ubiquitin-fold modifier conjugating enzyme 1 \[ Homo sapiens \]](#)

**Official Symbol** [UFC1](#)

**Synonyms** UFC1; ubiquitin-fold modifier conjugating enzyme 1; ubiquitin-fold modifier-conjugating enzyme 1; HSPC155;

**Gene ID** [51506](#)

**mRNA Refseq** [NM\\_016406](#)

**Protein Refseq** [NP\\_057490](#)

**MIM** [610554](#)

**Uniprot ID** [Q9Y3C8](#)

**Chromosome Location** 1q23.3

**Function** UFM1 conjugating enzyme activity; protein binding;

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