

## Recombinant Human UBA5 Protein, His-tagged

**Cat. No.** UBA5-523H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human UBA5 Protein (Met1-Lys173) with N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Lys173
<b>Description</b>	This gene encodes a member of the E1-like ubiquitin-activating enzyme family. This protein activates ubiquitin-fold modifier 1, a ubiquitin-like post-translational modifier protein, via the formation of a high-energy thioester bond. Alternative splicing results in multiple transcript variants. A pseudogene of this gene has been identified on chromosome 1.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 23.1 kDa Accurate Molecular Mass: 23 kDa
<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

UBA5 ubiquitin-like modifier activating enzyme 5 [ Homo sapiens (human) ]

**Official Symbol**

UBA5

**Synonyms**

UBA5; ubiquitin-like modifier activating enzyme 5; UBE1DC1, ubiquitin activating enzyme E1 domain containing 1; ubiquitin-like modifier-activating enzyme 5; FLJ23251; ubiquitin activating enzyme E1 homolog (yeast); UFM1-activating enzyme; ubiquitin-activating enzyme 5; UBA5, ubiquitin-activating enzyme E1 homolog; ubiquitin-activating enzyme E1-domain containing 1; ubiquitin-activating enzyme E1 domain-containing protein 1; THIFP1; UBE1DC1; FLJ17281; FLJ23251UBA5

**Gene ID**

79876

**mRNA Refseq**

NM\_024818

**Protein Refseq**

NP\_079094

**MIM**

610552

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UniProt ID

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