

Recombinant Human UBA5 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human UBA5 Protein (Met1-Lys173) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys173
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.1 kDa Accurate Molecular Mass: 23 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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

Q9GZZ9

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