

Recombinant Mouse Uba2 Protein, His-tagged

Cat. No. Uba2-521M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Uba2 Protein (Arg451-Asp638) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Arg451-Asp638
Description	Enables SUMO activating enzyme activity. Predicted to be involved in positive regulation of protein sumoylation and protein sumoylation. Predicted to be located in nucleoplasm. Predicted to be part of SUMO activating enzyme complex. Predicted to be active in cytoplasm. Is expressed in branchial arch; embryo; limb; and neural fold. Orthologous to human UBA2 (ubiquitin like modifier activating enzyme 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.2 kDa Accurate Molecular Mass: 32 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

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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

Uba2 ubiquitin-like modifier activating enzyme 2 [*Mus musculus* (house mouse)]

Official Symbol

Uba2

Synonyms

UBA2; ubiquitin-like modifier activating enzyme 2; SUMO-activating enzyme subunit 2; SUMO1 activating enzyme subunit 2; Sumo-1 activating enzyme subunit 2; ubiquitin-like 1-activating enzyme E1B; anthracycline-associated resistance ARX; ubiquitin-like 1 (sentrin) activating enzyme E1B; ubiquitin-like 1 (sentrin) activating enzyme subunit 2; Arx; Sae2; UBA1; Ubl1a2; Uble1b; AA986091

Gene ID

50995

mRNA Refseq

NM_016682

Protein Refseq

NP_057891

UniProt ID

Q9Z1F9

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