

Recombinant Mouse Uba6 Protein, His&GST-tagged

Cat. No. Uba6-526M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Uba6 Protein (Leu7-Gly227) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu7-Gly227
Description	Enables FAT10 activating enzyme activity and ubiquitin activating enzyme activity. Involved in protein ubiquitination and ubiquitin-dependent protein catabolic process. Acts upstream of or within several processes, including dendritic spine development; learning; and limbic system development. Predicted to be active in cytoplasm and nucleus. Is expressed in gonad. Orthologous to human UBA6 (ubiquitin like modifier activating enzyme 6).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 54.3 kDa Accurate Molecular Mass: 54 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by 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	Uba6 ubiquitin-like modifier activating enzyme 6 [Mus musculus (house mouse)]
Official Symbol	Uba6
Synonyms	UBA6; ubiquitin-like modifier activating enzyme 6; ubiquitin-like modifier-activating enzyme 6; ubiquitin-activating enzyme 6; ubiquitin-activating enzyme E1-like 2; ubiquitin-activating enzyme E1-like protein 2; E1-L2; Ube112; AU021846; AW124799; 4930542H01; 5730469D23Rik
Gene ID	231380
mRNA Refseq	NM_172712
Protein Refseq	NP_766300
UniProt ID	Q8C7R4

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