

Recombinant Mouse Uba6 Protein, Myc/DDK-tagged

Cat. No. Uba6-6769M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ubiquitin-like modifier activating enzyme 6 (Uba6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Activates ubiquitin by first adenylating its C-terminal glycine residue with ATP, and thereafter linking this residue to the side chain of a cysteine residue in E1, yielding a ubiquitin-E1 thioester and free AMP. Specific for ubiquitin, does not activate ubiquitin-like peptides. Differs from UBE1 in its specificity for substrate E2 charging. Does not charge cell cycle E2s, such as CDC34. Essential for embryonic development. Required for UBD/FAT10 conjugation.
Molecular Mass	118 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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; Ube1l2; AU021846; AW124799; 4930542H01; 5730469D23Rik

Gene ID 231380

mRNA Refseq NM_172712

Protein Refseq NP_766300

UniProt ID Q8C7R4

 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