

Product datasheet for TP507032

Uba3 (NM_011666) Mouse Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse ubiquitin-like modifier activating enzyme 3 (Uba3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR207032 protein sequence Red =Cloning site Green =Tags(s) |

MAVDGGCGDGTGDWEGRWNVKFLERSGPFTHPDFEPSTESLQFLDTCVVLVIGAGGLGCELLKNLALS
GFRQIHVIDMDTIDVSNLNRQFLFRPKDVGRPKAEVAAEFLNDRVPCNVVPHFNKIQDFNDTFYRQFHI
IVCGLDSIARRWINGMLISLLNYEDGVLPSSIVPLIDGGTEGFKGNARVILPGMTACIECTLELYPPQ
VNFPMCTIASMPRLPEHCIEYVRMLQWPKEQPFQDGVPLDGDDEPHIQWIFQKSIERASQYNIRGVTYRL
TQGVKRIIPAVASTNAVIAAVCATEVFKIATSAYIPLNNYLVFNDVDGLYTYTFAERKENCPCASQLP
QNIQFSPSAKLQEVLDYLTNSASLQMKSPAITATLEGKNRTLYLQSVTSIEERTRPNLSKTLKELGLVDG
QELAVADVTPQTVLFKLHFT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 49.2 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_035796 |
| Locus ID: | 22200 |



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UniProt ID: [Q8C878](#), [Q3TL72](#)

RefSeq Size: 2632

Cytogenetics: 6 D3

RefSeq ORF: 1326

Synonyms: A830034N06Rik; AI256736; AI848246; AW546539; Ube1c

Summary: The protein encoded by this gene is the catalytic subunit of the enzyme that activates NEDD8, a ubiquitin-like molecule that binds to its target proteins through an enzymatic reaction analagous to ubiquitylation. Embryonic mice deficient for this protein die prior to implantation and display apoptosis of the inner cell mass. Trophoblastic cells cannot enter S phase, demonstrating that this gene is required for cell cycle progression during embryogenesis. Two pseudogenes have been found for this gene. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2014]