

Product datasheet for TP511543

Uba6 (NM_172712) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ubiquitin-like modifier activating enzyme 6 (Uba6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211543 protein sequence Red =Cloning site Green =Tags(s)

MERSEPLAVLSCEEASCSSWGACGASKNLPTMTTESLEIDDGLYSRQRYVLGDTAMQKMAKSCVFLSGMG
GLGVEIAKNLVLGAIKALTIHDTKCCQAWDLGTNFFLCEDDVNERNRAEAVLHRIAELNPYVQVSSSSA
PLDETTDLSFLEKYQCVLLEIKLTLQKKINNFCHSHCPPIKFISADVHGIWSRLFCDFGDEFVSDTTG
EEPKEIFISNITQANPGIVTCLESHPHKLETGQFLTFREIHGMTGLNGSVQQTIVISPFSSIGDTTKLD
PYLHGGIAVQVKPTKFCFEPLSQIKHPRCLIADFSKPEAPLEIHLAMLALDQFQENYNRKNIRCQQD
SDELLKLTVSINETLEEKPEVNADIVHWSWTAQGFLPPLAAAVGGVASQEVLKAVTGKFSPLCQWLYLE
AADTVESLGNPGHEEFLPRGDRYDAIRACIGNTLQCQLQNLNIFLVGCGAIGCEMLKNFALLGVGTGREK
GMVTVTDPDLIEKSNLNRQFLFRPHHIQPKPSYAAEATLKNPQLKIDAHNLKVC PATESIYSEFYTK
QDIITALDNVEARRYVDSRCLANLRPLLDSGTMGTGKGTETIIVPQLTESYNHRDPPEEEIPFCTLKSF
PAAIEHTIQWARDKFESSFSHKPSLFNKFWQAYPSAEDVLQKIQNGQSLEGCFQVIKLSRRPRIWSQCV
ELARLKFEKYFNHKALQLLHCFPLETRLKDGSLFWQSPKRPPSPIKFDLNEPLHLSFLQSAAKLYATVYC
IPFSEKDLVNSLMDILSEVKIEEFKPSNKVWQTDETARKPDHVPVSEDERNAVFQLEEALSSNKATKS
DLQMTVLSFEKDDDRNGHIDFITAASNLRKMYSEPADRFKTKRIAGKIIPAIATSTAAVSGLVALEMI
KVAGGYPFDAYKNCFLNLAIPVFTETSEVRKTEIRNGISFTIWRWTVHGKEDFTLSDFINAVKENYG
IEPTMVVQGVKMLYVPVMPGHAKRLKLTMHKLVKPSSTEKKYVDLTVSFAPDADGDEDLPGPPVRYFVSHD
TNE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	118 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



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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_766300
Locus ID:	231380
UniProt ID:	Q8C7R4
RefSeq Size:	5101
Cytogenetics:	5 E1
RefSeq ORF:	3162
Synonyms:	4930542H01; 5730469D23Rik; AU021846; AW124799; E1-L2; Ube1l2
Summary:	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 (By similarity). Essential for embryonic development. Required for UBD/FAT10 conjugation.[UniProtKB/Swiss-Prot Function]