

Product datasheet for TP511556

Uba1 (NM_001136085) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ubiquitin-like modifier activating enzyme 1 (Uba1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211556 protein sequence Red =Cloning site Green =Tags(s)
	<p>MSSSPLSKRRVSGPDPKPGSNCSPAQSALSEVSSVPTNGMAKNGSEADIDESLYSRQLYVLGHEAMKML QTSSVLVSGLRGLGVEIAKNIILGGVKAVTLHDQGTQWADLSSQFYLREEDIGKNRAEVSQPRLAELNS YVPVTAYTGPLVEDFLSSFQVVLTNSPLEAQLRVGEFCHSRGIKLVADTRGLFGQLFCDFGEEMVLT SNGEQPLSAMVSMVTKDNPGVVTCLDEARHGFETGDFVSFSEVQGMQLNGCQPMKIKVLPYTFSCDT SNFSDYIRGGIVSQVKVPKISFKSLPASLVEPDFVMTDFAKYSRPAQLHIGFQALHQFCALHNQPPRPR NEEDATELVGLAQAVNARSPPSVKQNSLDEDLIRKLAYVAAGDLAPINAFIGGLAAQEVMMKACSGKFMPI MQWLYFDALCLPEDKEALTEEKCLPRQNRDYGQVAVFGSDFQEKLSKQKYFLVGAGAIGCELLKNFAMI GLGCGEGGEVVVTDMDTIEKSNLNRQFLFRPVDVTKLKSDTAAAVRQMNPIYQVTSHQNRVGPDTERIY DDDFQNLGDVANALDNIDARMYMDRRCVYRKP LLESGLTGKGNVQVWIPFLTESYSSSQDPPEKSIP ICTLKNFPNAIEHTLQWARDEFGLFKQPAENVNQYLTDKSFVERTLRLAGTQPLEVLEAVQRSLVLQRP QTWGDCVTWACHHWHTQYCNNIRQLLHNFPPDQLTSSGAPFWSGPKRCPHPLTFDVNNTLHLDYVMAAAN LFAQTYGLTGSQDRAAVASLLQSVQVPEFTPKSGVKIHVSDQELQSANASVDDSRLEELKATLPSDPKLP GFKMYPIDFEKDDSNFHMDFIVAASNLAENYDISPADRHKSKLIAGKIIPAIATTTAAVGLVLCLELY KVVQGHQQLDSYKNGFLNLALPFFGFSEPLAAPRHQYYNQEWTLWDRFEVQGLQPNGEEMTLKQFLDYFK TEHKLEITMLSQGVSMLYSFFMPAAKLKERLDQPMTEIVSRVSKRKLGRHVRALVLELCCNDESGEDVEV PYVRYTIR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	117.8 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



[View online »](#)

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:	<u>NP_001129557</u>
Locus ID:	22201
UniProt ID:	<u>Q02053</u> , <u>B9EHNO</u>
RefSeq Size:	4073
Cytogenetics:	X 16.15 cM
RefSeq ORF:	3177
Synonyms:	A1; A1S9; Sb; Sbx; Ube-1; Ube1x
Summary:	This gene encodes a member of the ubiquitin-activating E1 family. The encoded protein initiates the ubiquitin activation and transfer cascade, catalyzing the first step in ubiquitin conjugation to mark cellular proteins for proteasome degradation. Ubiquitin activating enzymes use ATP to form a thioester between a conserved catalytic cysteine of the enzyme and the C-terminal carboxylate of ubiquitin. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]