

Product datasheet for TP506150

Upb1 (NM_133995) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ureidopropionase, beta (Upb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206150 protein sequence Red =Cloning site Green =Tags(s)
	MAGPEWQSLEQCLEKHLPPDDLAQVKRILYGKQTRNLDLPREALKAASERNFELKGYAFGAAKEQQRCPQ IVRVGLVQNRIPPTSAPVAEQVSALHKSIEEIAEVAAMCGVNIICFQEAWNMPFACTREKLPWTEFAE SAEDGLTTRFCQKLAKKHNMVVVSPILERDREHGGVLWNTAVVISNSGLVMGKTRKNHIPRVGDFNESTY YMEGNLGHVPVFTQFGRIAVNICYGRHHPLNWLMSINGAEIIFNPSATIGELSESLWPIEARNAAIANH CFTCALNRVQGEHFPNEFTSGDGKKAHHDLYGYFGSSYVAAPDGSRTPLSRNQDGLLVTENLNLCCQI NDFWTFKMTGRLEMYARELAEAVKPNYSPNIVKEDLVLPSSG
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	43.9 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_598756
Locus ID:	103149
UniProt ID:	Q8VC97 , Q3UEK4



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RefSeq Size: 3042

Cytogenetics: 10 C1

RefSeq ORF: 1182

Synonyms: AI195023

Summary: This gene encodes an enzyme that catalyzes the conversion of N-carbamyl-beta-aminoisobutyric acid and N-carbamyl-beta-alanine to beta-aminoisobutyric acid or beta-alanine. Mutations in the related gene in human have been associated with beta-ureidopropionase deficiency. [provided by RefSeq, Dec 2013]