

Recombinant Mouse Upb1 Protein, MYC/DDK-tagged

Cat. No. Upb1-225M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ureidopropionase, beta (Upb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	43.9 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 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Upb1 ureidopropionase, beta [Mus musculus (house mouse)]
Official Symbol	Upb1
Synonyms	Upb1; ureidopropionase, beta; AI195023; beta-ureidopropionase; N-carbamoyl-beta-alanine amidohydrolase; beta-alanine synthase; EC 3.5.1.6
Gene ID	103149
mRNA Refseq	NM_133995
Protein Refseq	NP_598756
UniProt ID	Q8VC97

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