

Recombinant Mouse Urad Protein, Myc/DDK-tagged

Cat. No. Urad-6854M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ureidoimidazoline (2-oxo-4-hydroxy-4-carboxy-5) decarboxylase (Urad), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the stereoselective decarboxylation of 2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline (OHCU) to (S)-allantoin
Molecular Mass	20 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 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Urad ureidoimidazoline (2-oxo-4-hydroxy-4-carboxy-5) decarboxylase [Mus musculus (house mouse)]
Official Symbol	Urad
Synonyms	Urad; ureidoimidazoline (2-oxo-4-hydroxy-4-carboxy-5) decarboxylase; Prh; Prhoxnb; EG231903; 2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline decarboxylase; OHCU decarboxylase; parahox cluster neighbor; parahox neighbor; ureidoimidazoline (2-oxo-4-hydroxy-4-carboxy-5-) decarboxylase; EC 4.1.1.97
Gene ID	231903
mRNA Refseq	NM_001039678
Protein Refseq	NP_001034767
UniProt ID	Q283N4

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