

Recombinant Human URAD Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. URAD-372H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRHOXNB MS Standard C13 and N15-labeled recombinant protein (NP_001099047) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Catalyzes the stereoselective decarboxylation of 2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline (OHCU) to (S)-allantoin
Molecular Mass	18.9 kDa
AA Sequence	MDIEKVN SMDLGEFVDVFGNATERCPLIAAAVWSQRPFS DLEDLEKHFFAFIDALAQ SGQEGILRCHPDLAGSELQRGTLTAESQREQSGAGLRSLGADERLRRLAELNAQYRA RFGFPFVLAARFSDRTAVPRELARLLCPSAQELRTALGEVKKIGSLRLADLLRADPA KLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name URAD ureidoimidazoline (2-oxo-4-hydroxy-4-carboxy-5-) decarboxylase [Homo sapiens (human)]

Official Symbol URAD

Synonyms URAD; ureidoimidazoline (2-oxo-4-hydroxy-4-carboxy-5-) decarboxylase; PRHOXNB; putative 2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline decarboxylase; OHCU decarboxylase; parahox cluster neighbor; EC 4.1.1.97

Gene ID 646625

mRNA Refseq NM_001105577

Protein Refseq NP_001099047

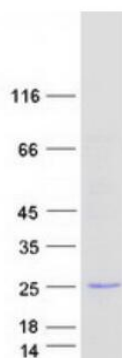
MIM 615804

UniProt ID A6NGE7

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SDS-PAGE

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