Recombinant Mouse P4ha2 Protein, Myc/DDK-tagged

Cat. No. P4ha2-4641M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha II polypeptide (P4ha2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the post-translational formation of 4-hydroxyproline in -Xaa-Pro-Gly- sequences in collagens and other proteins.
Molecular Mass	60.8 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	P4ha2 procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha II polypeptide [Mus musculus (house mouse)]
Official Symbol	P4ha2
Synonyms	P4HA2; procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha II polypeptide; prolyl 4-hydroxylase subunit alpha-2; 4-PH alpha-2; Prolyl 4-hydroxylase alpha IIa subunit; procollagen-proline,2-oxoglutarate-4-dioxygenase subunit alpha-2; P4hl; C76437; AA407196
Gene ID	18452
mRNA Refseq	NM_001136076
Protein Refseq	NP_001129548
UniProt ID	Q60716

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