

Recombinant Human P4HA3 Protein, His-tagged

Cat. No. P4HA3-320H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human P4HA3 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a component of prolyl 4-hydroxylase, a key enzyme in collagen synthesis composed of two identical alpha subunits and two beta subunits. The encoded protein is one of several different types of alpha subunits and provides the major part of the catalytic site of the active enzyme. In collagen and related proteins, prolyl 4-hydroxylase catalyzes the formation of 4-hydroxyproline that is essential to the proper three-dimensional folding of newly synthesized procollagen chains. Alternative splicing results in multiple transcript variants.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	59.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	P4HA3 prolyl 4-hydroxylase, alpha polypeptide III [Homo sapiens]
Official Symbol	P4HA3
Synonyms	P4HA3; prolyl 4-hydroxylase, alpha polypeptide III; procollagen proline, 2 oxoglutarate 4 dioxygenase (proline 4 hydroxylase), alpha polypeptide III; prolyl 4-hydroxylase subunit alpha-3; C P4Halpha(III); collagen prolyl 4 hydroxylase alpha(III); 4-PH alpha-3; C-P4H alpha III; collagen prolyl 4-hydroxylase alpha(III); procollagen-proline,2-oxoglutarate-4-dioxygenase subunit alpha-3; procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide III;
Gene ID	283208
mRNA Refseq	NM_182904
Protein Refseq	NP_878907
MIM	608987
UniProt ID	Q7Z4N8

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA