

Recombinant Human P4HA3 protein, His-SUMO-tagged

Cat. No. P4HA3-4591H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human P4HA3 protein(Q7Z4N8)(20-544aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	20-544aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	75.4 kDa
AA Sequence	DPERAAARGDTFSALTSVARALAPERLLGLLRRYLRGEEARLRDLTRFYDKVLSLH EDSTTPVANPLLAFTLIKRLQSDWRNVVHSLEASENIRALKDGYEKVEQDLPAFEDLE GAARALMRLQDVYMLNVKGLARGVFQRTVGSAITDLYSPKRLFSLTGDDCFQVGKV AYDMGDYYHAIPWLEEAVSLFRGSYGEWKTEDEASLEDALDHLAFAYFRAGNVSCA LSLSREFLLYSPDNKRMARNVLKYERLLAESPNHVVAEAVIQRPNIPIHLQTRDTYEGL CQTLGSQPTLYQIPSLYCSYETNSNAYLLLQPIRKEVIHLEPYIALYHDFVSDSEAQKI RELAEPWLQRSVVASGEKQLQVEYRISKSAWLKDTVDPKLVTLNHRIAALTGLDVRP PYAEYLQVVNYGIGGHYEPHFDHATSPSSPLYRMKSGNRVATFMIYLSSVEAGGAT AFIYANLSVPVVRNAALFWWNLHRSGEGDSDTLHAGCPVLVGDKWVANKWIHEYG

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	QEFRRPCSSSPED
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
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

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UniProt ID

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