

## Recombinant Human P4HA3 protein, His-SUMO-tagged

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

### SPECIFICATION

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

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	QEFRRPCSSSPED
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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%.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	P4HA3 prolyl 4-hydroxylase, alpha polypeptide III [ Homo sapiens ]
<b>Official Symbol</b>	P4HA3
<b>Synonyms</b>	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;
<b>Gene ID</b>	283208
<b>mRNA Refseq</b>	NM_182904
<b>Protein Refseq</b>	NP_878907
<b>MIM</b>	608987

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UniProt ID

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