

Recombinant Human P4HTM protein, His-SUMO-tagged

Cat. No. P4HTM-4865H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human P4HTM protein(Q9NXG6)(82-563aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	82-563aa
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	70.5 kDa
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%.

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GENE INFORMATION

Gene Name	P4HTM prolyl 4-hydroxylase, transmembrane (endoplasmic reticulum) [Homo sapiens]
Official Symbol	P4HTM
Synonyms	P4HTM; prolyl 4-hydroxylase, transmembrane (endoplasmic reticulum); transmembrane prolyl 4-hydroxylase; EGLN4; FLJ20262; HIFPH4; hypoxia inducible factor prolyl 4 hydroxylase; P4H TM; PH 4; PH4; PHD4; Prolyl hydroxylase domain containing 4; HPH-4; HIF-PH4; proline 4-hydroxylase; HIF-prolyl hydroxylase 4; P4H with transmembrane domain; Prolyl hydroxylase domain-containing 4; hypoxia-inducible factor prolyl 4-hydroxylase; hypoxia-inducible factor prolyl hydroxylase 4; PH-4; P4H-TM;
Gene ID	54681
mRNA Refseq	NM_177938
Protein Refseq	NP_808807
MIM	614584
UniProt ID	Q9NXG6

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