

Recombinant Human P4HB protein, GST-tagged

Cat. No. P4HB-5138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human P4HB protein(P07237)(29-313aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	29-313aa
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	58.7 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

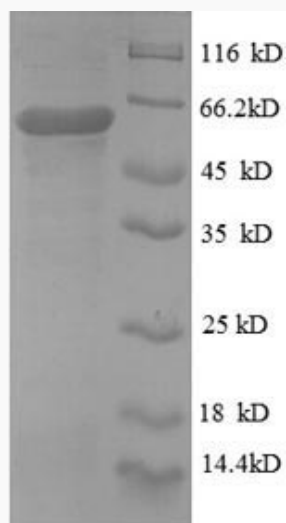
Gene Name	P4HB prolyl 4-hydroxylase, beta polypeptide [Homo sapiens]
Official Symbol	P4HB
Synonyms	P4HB; prolyl 4-hydroxylase, beta polypeptide; ERBA2L, PO4DB, procollagen proline, 2 oxoglutarate 4 dioxygenase (proline 4 hydroxylase), beta polypeptide , procollagen proline, 2 oxoglutarate 4 dioxygenase (proline 4 hydroxylase), beta polypeptide (protein disulfide isomerase associated 1) , procollagen proline, 2 oxoglutarate 4 dioxygenase (proline 4 hydroxylase), beta polypeptide (protein disulfide isomerase; thyroid hormone binding protein p55); protein disulfide-isomerase; collagen prolyl 4 hydroxylase beta; DSI; GIT; P4Hbeta; PDI; PDIA1; PO4HB; PROHB; protein disulfide isomerase family A; member 1; protein disulfide isomerase associated 1; p55; protocollagen hydroxylase; prolyl 4-hydroxylase subunit beta; collagen prolyl 4-hydroxylase beta; thyroid hormone-binding protein p55; glutathione-insulin transhydrogenase; cellular thyroid hormone-binding protein; protein disulfide isomerase-associated 1; protein disulfide isomerase/oxidoreductase; protein disulfide isomerase family A, member 1; procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), beta polypeptide; PHDB; PO4DB; ERBA2L;
Gene ID	5034
mRNA Refseq	NM_000918
Protein Refseq	NP_000909
MIM	176790
UniProt ID	P07237

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SDS-PAGE



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