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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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P4HB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005034-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

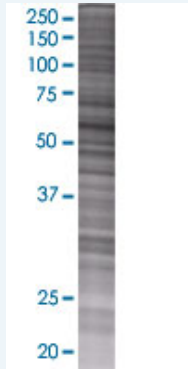
Plasmid: pCMV-P4HB full-length

Host: Human

Theoretical MW (kDa): 55.99

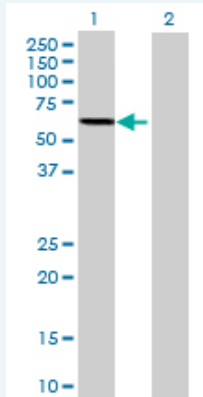
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-P4HB antibody (H00005034-B01) by Western Blots.

SDS-PAGE Gel



P4HB transfected lysate.

Western Blot



Lane 1: P4HB transfected lysate (55.99 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [5034](#)

**GeneBank
Accession#:** [NM_000918.2](#)

**Protein
Accession#:** [NP_000909.2](#)

Gene Name: P4HB

Gene Alias: DSI,ERBA2L,GIT,P4Hbeta,PDI,PDIA1,PHDB,PO4DB,PO4HB,PROHB

**Gene
Description:** prolyl 4-hydroxylase, beta polypeptide

Omim ID: [176790](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes the beta subunit of prolyl 4-hydroxylase, a highly abundant multifunctional enzyme that belongs to the protein disulfide isomerase family. When present as a tetramer consisting of two alpha and two beta subunits, this enzyme is involved in hydroxylation of prolyl residues in procollagen. This enzyme is also a disulfide isomerase containing two thioredoxin domains that catalyze the formation, breakage and rearrangement of disulfide bonds. Other known functions include its ability to act as a chaperone that inhibits aggregation of misfolded proteins in a concentration-dependent manner, its ability to bind thyroid hormone, its role in both the influx and efflux of S-nitrosothiol-bound nitric oxide, and its function as a subunit of the microsomal triglyceride transfer protein complex. [provided by RefSeq]

**Other
Designations:** collagen prolyl 4-hydroxylase beta,glutathione-insulin transhydrogenase,procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), beta polypeptide,prolyl 4-hydroxylase, beta subunit,protein disulfide isomerase family A, member 1,protein d

Related Disease

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