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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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P4HA1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005033-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

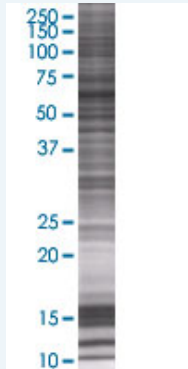
Plasmid: pCMV-P4HA1 full-length

Host: Human

Theoretical MW (kDa): 58.85

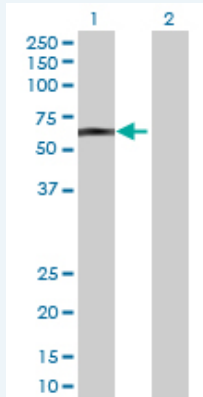
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-P4HA1 antibody ([H00005033-B01](#)) by Western Blots.

SDS-PAGE Gel



P4HA1 transfected lysate.

Western Blot



Lane 1: P4HA1 transfected lysate (58.85 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

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [5033](#)

GeneBank Accession#: [NM_001017962.1](#)

Protein Accession#: [NP_001017962.1](#)

Gene Name: P4HA1

Gene Alias: P4HA

Gene Description: prolyl 4-hydroxylase, alpha polypeptide I

Omim ID: [176710](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a component of prolyl 4-hydroxylase, a key enzyme in collagen synthesis composed of two identical alpha subunits and two beta subunits. The encoded protein is one of several different types of alpha subunits and provides the major part of the catalytic site of the active enzyme. In collagen and related proteins, prolyl 4-hydroxylase catalyzes the formation of 4-hydroxyproline that is essential to the proper three-dimensional folding of newly synthesized procollagen chains. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations: C-P4Halpha(I),collagen prolyl 4-hydroxylase alpha(I),procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide I,prolyl 4-hydroxylase, alpha I subunit

Gene Pathway

[Arginine and proline metabolism](#) [Metabolic pathways](#)

Related Disease

[Alzheimer Disease](#) [Genetic Predisposition to Disease](#) [Tobacco Use Disorder](#)