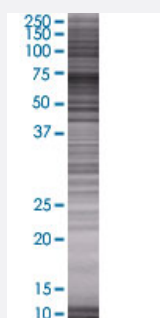


P4HTM 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00054681-T01

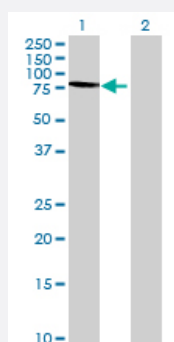
Size 100 uL

Applications



SDS-PAGE Gel

P4HTM transfected lysate.



Western Blot

Lane 1: P4HTM transfected lysate (62.04 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-P4HTM full-length
Host	Human
Theoretical MW (kDa)	62.04
Interspecies Antigen Sequence	Mouse (87); Rat (87)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-P4HTM antibody ([H00054681-B01](#)) by Western Blots.
SDS-PAGE Gel
P4HTM transfected lysate.
Western Blot
Lane 1: P4HTM transfected lysate (62.04 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.

Applications

- Western Blot

Gene Info — P4HTM

Entrez GeneID[54681](#)**GeneBank Accession#**[NM_177938.2](#)**Protein Accession#**[NP_808807.2](#)**Gene Name**

P4HTM

Gene Alias

EGLN4, HIFPH4, P4H-TM, PH-4, PH4, PHD4

Gene Description

prolyl 4-hydroxylase, transmembrane (endoplasmic reticulum)

Gene Ontology[Hyperlink](#)**Gene Summary**

The product of this gene belongs to the family of prolyl 4-hydroxylases. This protein is a prolyl hydroxylase that may be involved in the degradation of hypoxia-inducible transcription factors under normoxia. It plays a role in adaptation to hypoxia and may be related to cellular oxygen sensing. Alternatively spliced variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations

OTTHUMP00000082685|P4H with transmembrane domain|Prolyl hydroxylase domain-containing 4|hypoxia inducible factor prolyl 4 hydroxylase|hypoxia-inducible factor prolyl 4-hydroxylase|proline 4-hydroxylase