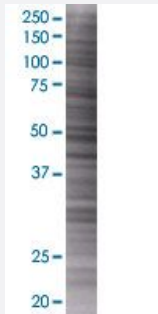


PRELP 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005549-T01

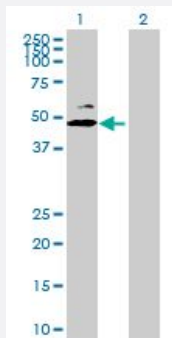
Size 100 uL

Applications



SDS-PAGE Gel

PRELP transfected lysate.



Western Blot

Lane 1: PRELP transfected lysate (43.8 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PRELP full-length
Host	Human
Theoretical MW (kDa)	43.8
Interspecies Antigen Sequence	Mouse (89); Rat (89)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PRELP antibody ([H00005549-B01](#)) by Western Blots.
SDS-PAGE Gel
PRELP transfected lysate.
Western Blot
Lane 1: PRELP transfected lysate (43.8 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 — PRELP

Entrez GeneID

[5549](#)

GeneBank Accession#

[NM_002725](#)

Protein Accession#

[NP_002716](#)

Gene Name

PRELP

Gene Alias

MGC45323, MST161, MSTP161, SLRR2A

Gene Description

proline/arginine-rich end leucine-rich repeat protein

Omim ID

[601914](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a leucine-rich repeat protein present in connective tissue extracellular matrix. This protein functions as a molecule anchoring basement membranes to the underlying connective tissue. This protein has been shown to bind type I collagen to basement membranes and type II collagen to cartilage. It also binds the basement membrane heparan sulfate proteoglycan perlecan. This protein is suggested to be involved in the pathogenesis of Hutchinson-Gilford progeria (HGP), which is reported to lack the binding of collagen in basement membranes and cartilage. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq]

Other Designations

55 kDa leucine-rich repeat protein of articular cartilage|OTTHUMP00000034099|prolargin proteoglycan|proline arginine-rich end leucine-rich repeat protein

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)