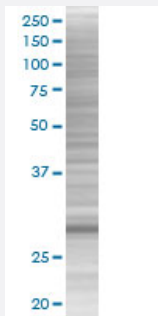


PRRX1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005396-T01

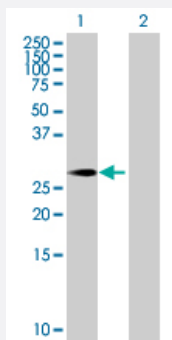
Size 100 uL

Applications



SDS-PAGE Gel

PRRX1 transfected lysate.



Western Blot

Lane 1: PRRX1 transfected lysate (23.98 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PRRX1 full-length
Host	Human
Theoretical MW (kDa)	23.98
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PRRX1 antibody ([H00005396-B01](#)) by Western Blots.
SDS-PAGE Gel
PRRX1 transfected lysate.
Western Blot
Lane 1: PRRX1 transfected lysate (23.98 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 — PRRX1

Entrez GeneID

[5396](#)

GeneBank Accession#

[NM_006902.3](#)

Protein Accession#

-

Gene Name

PRRX1

Gene Alias

PHOX1, PMX1, PRX1

Gene Description

paired related homeobox 1

Omim ID

[167420](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The DNA-associated protein encoded by this gene is a member of the paired family of homeobox proteins localized to the nucleus. The protein functions as a transcription co-activator, enhancing the DNA-binding activity of serum response factor, a protein required for the induction of genes by growth and differentiation factors. The protein regulates muscle creatine kinase, indicating a role in the establishment of diverse mesodermal muscle types. Alternative splicing yields two isoforms that differ in abundance and expression patterns. [provided by RefSeq]

Other Designations

OTTHUMP00000033166|OTTHUMP00000033167|homeobox protein PHOX1|paired mesoderm homeobox 1|paired mesoderm homeobox 1|paired mesoderm homeobox 1 isoform pmx-1b

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Tooth Abnormalities](#)