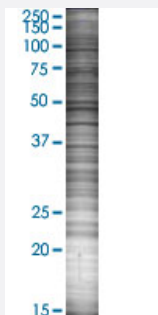


PROM1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008842-T01

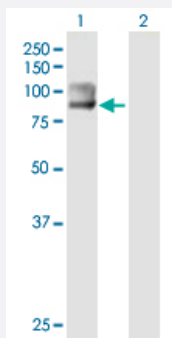
Size 100 uL

Applications



SDS-PAGE Gel

PROM1 transfected lysate.



Western Blot

Lane 1: PROM1 transfected lysate (96.3 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PROM1 full-length

Host Human

Theoretical MW (kDa) 96.3

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PROM1 antibody ([H00008842-B01](#)) by Western Blots.

SDS-PAGE Gel

PROM1 transfected lysate.

Western Blot

Lane 1: PROM1 transfected lysate (96.3 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 — PROM1

Entrez GeneID	8842
GeneBank Accession#	BC012089.1
Protein Accession#	AAH12089.1
Gene Name	PROM1
Gene Alias	AC133, CD133, MSTP061, PROML1, RP41
Gene Description	prominin 1
Omim ID	604365
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a pentaspan transmembrane glycoprotein. The protein localizes to membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This gene is expressed from at least five alternative promoters that are expressed in a tissue-dependent manner. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	hProminin hematopoietic stem cell antigen prominin-like 1

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)

- [Neoplasms](#)
- [Recurrence](#)
- [Tobacco Use Disorder](#)