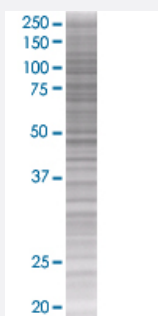


PROS1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005627-T01

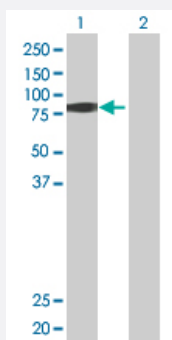
Size 100 uL

Applications



SDS-PAGE Gel

PROS1 transfected lysate.



Western Blot

Lane 1: PROS1 transfected lysate (74.47 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PROS1 full-length

Host Human

Theoretical MW (kDa) 74.47

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PROS1 antibody ([H00005627-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PROS1 transfected lysate.
 Western Blot
 Lane 1: PROS1 transfected lysate (74.47 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 — PROS1

Entrez GeneID[5627](#)**GeneBank Accession#**[BC015801.1](#)**Protein Accession#**[P0](#)**Gene Name**

PROS1

Gene Alias

PROS, PS21, PS22, PS23, PS24, PS25, PSA

Gene Description

protein S (alpha)

Omim ID[176880](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a vitamin K-dependent plasma protein that functions as a cofactor for the anti coagulant protease, activated protein C (APC) to inhibit blood coagulation. It is found in plasma in both a free, functionally active form and also in an inactive form complexed with C4b-binding protein. Mutations in this gene result in autosomal dominant hereditary thrombophilia. An inactive pseudogene of this locus is located at an adjacent region on chromosome 3. [provided by RefSeq]

Other Designations

protein S, alpha|protein Sa

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Chorioamnionitis](#)
- [Coronary Disease](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Protein S Deficiency](#)
- [Stroke](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Venous Thrombosis](#)