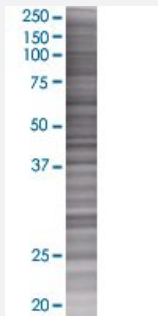


PCSK4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00054760-T02

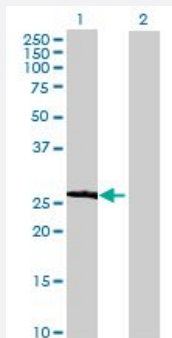
Size 100 uL

Applications



SDS-PAGE Gel

PCSK4 transfected lysate.



Western Blot

Lane 1: PCSK4 transfected lysate (26.1 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PCSK4 full-length
Host	Human
Theoretical MW (kDa)	26.1
Interspecies Antigen Sequence	Mouse (65); Rat (84)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PCSK4 antibody ([H00054760-B02](#)) by Western Blots.
 SDS-PAGE Gel
 PCSK4 transfected lysate.
 Western Blot
 Lane 1: PCSK4 transfected lysate (26.1 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 — PCSK4

Entrez GeneID

[54760](#)

GeneBank Accession#

[BC036354](#)

Protein Accession#

[AAH36354](#)

Gene Name

PCSK4

Gene Alias

DKFZp434B217, MGC34749, PC4, SPC5

Gene Description

proprotein convertase subtilisin/kexin type 4

Omim ID

[600487](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Proprotein convertases, including PCSK4, are calcium-dependent serine proteases related to bacterial subtilisins and to yeast kexin. These enzymes process precursor proteins to their active forms by selective cleavage of the polypeptide at sites following paired basic amino acids. In mammals, this family comprises PC1 (MIM 162150), PC2 (MIM 162151), PC4, PC5 (MIM 600488), furin (FUR; MIM 136950), and PACE4 (MIM 167405). Substrates for these enzymes range from prohormones to precursors for growth factors to cell surface receptors and viral surface glycoproteins (Cao et al., 2001 [PubMed 11776387]).[supplied by OMIM]

Other Designations

OTTHUMP00000158677

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)