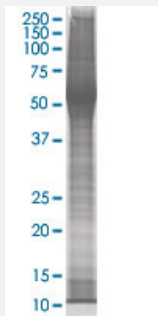


APLN 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008862-T01

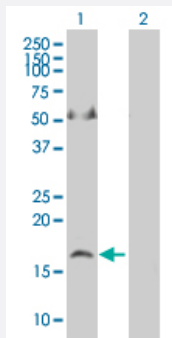
Size 100 uL

Applications



SDS-PAGE Gel

APLN transfected lysate



Western Blot

Lane 1: APLN transfected lysate (13.53 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-APLN full-length
Host	Human
Theoretical MW (kDa)	13.53
Interspecies Antigen Sequence	Mouse (83); Rat (81)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-APLN antibody ([H00008862-B01](#)) by Western Blots.
 SDS-PAGE Gel
 APLN transfected lysate
 Western Blot
 Lane 1: APLN transfected lysate (13.53 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 — APLN

Entrez GeneID

[8862](#)

GeneBank Accession#

[BC021104](#)

Protein Accession#

[AAH21104](#)

Gene Name

APLN

Gene Alias

XNPEP2

Gene Description

apelin

Omim ID

[300297](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Apelin is a neuropeptide expressed in the supraoptic and paraventricular nuclei that acts on specific receptors located on vasopressinergic neurons (De Mota et al., 2004) [PubMed 15231996]. [supplied by OMIM]

Other Designations

apelin, AGTRL1 ligand|peptide ligand for APJ receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Hypertension](#)