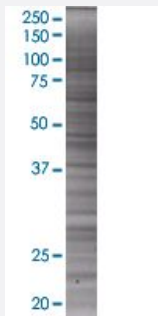


CRISP1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000167-T01

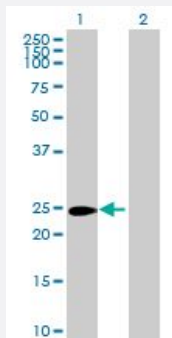
Size 100 uL

Applications



SDS-PAGE Gel

CRISP1 transfected lysate.



Western Blot

Lane 1: CRISP1 transfected lysate (28.5 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CRISP1 full-length
Host	Human
Theoretical MW (kDa)	28.5
Interspecies Antigen Sequence	Rat (63)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CRISP1 antibody ([H00000167-B01](#)) by Western Blots.
 SDS-PAGE Gel
 CRISP1 transfected lysate.
 Western Blot
 Lane 1: CRISP1 transfected lysate (28.5 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 — CRISP1

Entrez GeneID

[167](#)

GeneBank Accession#

[NM_001131](#)

Protein Accession#

[NP_001122](#)

Gene Name

CRISP1

Gene Alias

AEGL1, ARP, CRISP-1, HSCRISP1D, HSCRISP1G, HUMARP

Gene Description

cysteine-rich secretory protein 1

Omim ID

[601193](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Fertilization consists of a sequence of specific cell-cell interactions culminating in the fusion of the sperm and egg plasma membranes. Recognition, binding, and fusion occur through the interaction of complementary molecules that are localized to specific domains of the sperm and egg plasma membranes. In the sperm, the postacrosomal region or equatorial segment is involved in sperm-egg plasma membrane fusion. The protein encoded by this gene is a member of the cysteine-rich secretory protein (CRISP) family. This protein is expressed in the epididymis, is secreted into the epididymal lumen, and binds to the postacrosomal region of the sperm head where it plays a role at fertilization in sperm-egg fusion through complementary sites localized on the egg surface. Two isoforms are encoded by transcript variants of this gene. [provided by RefSeq]

Other Designations

AEG-related protein|OTTHUMP00000016592|acidic epididymal glycoprotein-like 1|cysteine-rich secretory protein-1 delta|protein DE-like
