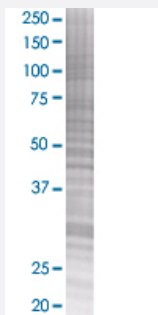


VCX3A 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00051481-T01

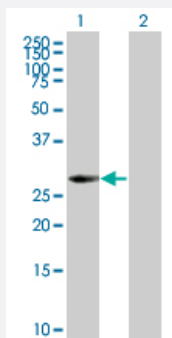
Size 100 uL

Applications



SDS-PAGE Gel

VCX3A transfected lysate.



Western Blot

Lane 1: VCX3A transfected lysate (17.8 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-VCX3A full-length

Host Human

Theoretical MW (kDa) 18.37

Quality Control Testing Transient overexpression cell lysate was tested with Anti-VCX3A antibody ([H00051481-B01](#)) by Western Blots.
 SDS-PAGE Gel
 VCX3A transfected lysate.
 Western Blot
 Lane 1: VCX3A transfected lysate (17.8 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 — VCX3A

Entrez GeneID[51481](#)**GeneBank Accession#**[BC098149](#)**Protein Accession#**[AAH98149](#)**Gene Name**

VCX3A

Gene Alias

MGC118976, MGC125730, MGC125796, VCX-8r, VCX-A, VCX3, VCX8R, VCXA

Gene Description

variable charge, X-linked 3A

Omim ID[300533](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene belongs to the VCX/Y gene family, which has multiple members on both X and Y chromosomes, and all are expressed exclusively in male germ cells. The X-linked members are clustered on chromosome Xp22 and Y-linked members are two identical copies of the gene within a palindromic region on Yq11. The family members share a high degree of sequence identity, with the exception that a 30-bp unit is tandemly repeated in X-linked members but occurs only once in Y-linked members. The VCX gene cluster is polymorphic in terms of copy number; different individuals may have a different number of VCX genes. VCX/Y genes encode small and highly charged proteins of unknown function. The presence of a putative bipartite nuclear localization signal suggests that VCX/Y members are nuclear proteins. This gene contains 8 repeats of the 30-bp unit. [provided by RefSeq]

Other Designations

OTTHUMP00000022866|variable charge protein on X with eight repeats|variably charged X-A