

Recombinant Human VCX3A cell lysate

Cat. No. VCX3A-1903HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Description

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.

Size 100 ul

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Applications

Western Blot;

GENE INFORMATION

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Gene Name	VCX3A?variable charge, X-linked 3A [?Homo sapiens?(human)]
Official Symbol	VCX3A
Synonyms	VCX3A; VCX3; VCXA; VCX-A; VCX8R; VCX-8r; variable charge, X-linked 3A; variable charge X-linked protein 3; variably charged X-A; variably charged protein X-A; variable charge protein on X with eight repeats
Gene ID	51481
mRNA Refseq	NM_016379
Protein Refseq	NP_057463
MIM	300533
UniProt ID	Q9NNX9
Chromosome Location	Xp22