

Recombinant Human VCX3A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. VCX3A-1533H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	VCX3A MS Standard C13 and N15-labeled recombinant protein (NP_057463) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	<p>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.</p>
Molecular Mass	20.1 kDa
AA Sequence	MSPKPRASGPPAKAREAGKRKSSSQSPSPDPKKKTTKVAKKGKAVRRGRRGKKGA ATKMAAVTAPEAESGPAAPGPSQPSQELPQHELPPEEPVSEGTQHDPPSQESQL

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EEPLSQESEVEEPLSQESQVEEPLSQESEVEEPLSQESQVEEPLSQESESEMEEPLSQ
ESQVEEPPSQESEMEELPSVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name VCX3A variable charge X-linked 3A [Homo sapiens (human)]

Official Symbol VCX3A

Synonyms VCX3A; variable charge X-linked 3A; VCX3; VCXA; VCX-A; VCX8R; VCX-8r; variable charge X-linked protein 3; variable charge protein on X with eight repeats; variably charged X-A; variably charged protein X-A

Gene ID 51481

mRNA Refseq NM_016379

Protein Refseq NP_057463

MIM 300533

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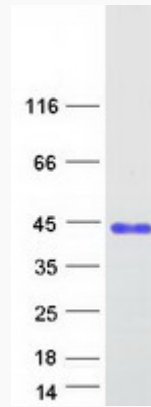
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UniProt ID

Q9NNX9

SDS-PAGE



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