

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	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.
Molecular Mass	20.1 kDa
AA Sequence	MSPKPRASGPPAKAREAGKRKSSSQSPSPDPKKKTTKVAKKGKAVRRGRRGKKGA ATKMAAVTAPEAESGPAAPGPSDQPSQELPQHELPPEEPVSEGTQHDPPSQESQL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	EEPLSQESEVEEPLSQESQVEEPLSQESEVEEPLSQESQVEEPLSQESEMEEPLSQ 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.

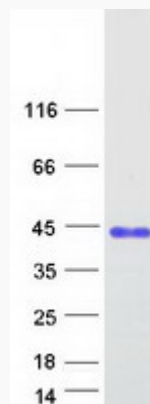
GENE INFORMATION

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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