

## Product datasheet for **TP321002M**

### **VCX3A (NM\_016379) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human variable charge, X-linked 3A (VCX3A), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221002 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MSPKPRASGPPAKAREAGKRKSSSQSPSPDKKKTKVAKKGKAVRRGRRGKKGAATKMAAVTAPEAESG PAAPGSPDQPSQELPQHLPPEEPVSEGTQHDPPSQESQLEEPLSQESEVEEPLSQESQVEEPLSQESEV EEPLSQESQVEEPLSQESEMEEPLSQESQVEEPPSQESEMEELPSV  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	19.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_057463</a></u>
Locus ID:	51481
UniProt ID:	<u><a href="#">Q9NNX9</a></u>
RefSeq Size:	1004



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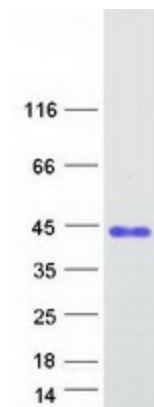
**Cytogenetics:** Xp22.31

**RefSeq ORF:** 558

**Synonyms:** VCX-8r; VCX-A; VCX3; VCX8R; VCXA

**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, Jul 2008]

### Product images:



Coomassie blue staining of purified VCX3A protein (Cat# [TP321002]). The protein was produced from HEK293T cells transfected with VCX3A cDNA clone (Cat# [RC221002]) using MegaTran 2.0 (Cat# [TT210002]).