

## Product datasheet for PH321002

### VCX3A (NM\_016379) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	VCX3A MS Standard C13 and N15-labeled recombinant protein (NP_057463)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221002
Predicted MW:	20.1 kDa
Protein Sequence:	>RC221002 protein sequence Red=Cloning site Green=Tags(s)  MSPKPRASGPPAKAREAGKRKSSSQSPSPDPKKKTTKVAKKGVRRRGRKKGAAATKMAAVTAPEAESG PAAPGPSDQPSQELPQHELPPPEPVSEGTQHDPPSQESQLEEPLSQESEVEEPLSQESQVEEPLSQESEV EEPLSQESQVEEPLSQESEMEEPLSQESQVEEPPSQESEMEELPSV  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_057463</a>
RefSeq Size:	1004
RefSeq ORF:	558
Synonyms:	VCX-8r; VCX-A; VCX3; VCX8R; VCXA
Locus ID:	51481
UniProt ID:	<a href="#">Q9NNX9</a>

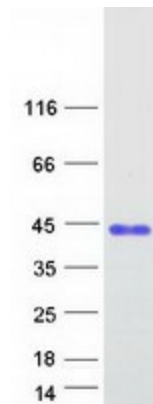


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**Cytogenetics:** Xp22.31

**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]).