

## Product datasheet for PH313997

### VCX2 (NM\_016378) Human Mass Spec Standard

#### Product data:

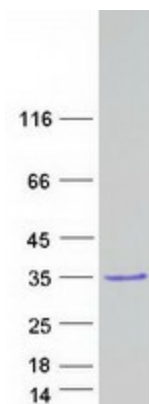
Product Type:	Mass Spec Standards
Description:	VCX2 MS Standard C13 and N15-labeled recombinant protein (NP_057462)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213997
Predicted MW:	14.5 kDa
Protein Sequence:	>RC213997 representing NM_016378 Red=Cloning site Green=Tags(s)  MSPKPRASGPPAKATEAGKRKSSSQSPSPDPKKKTTKVAKKGVRRRGRGKGAATKMAAVTAPEAESA PAAPGPSDQPSQELPQHELPPPEPVSEGTQHDPLSQESEVEEPLSQESEVEEPLTVWMAFSPVSESTD  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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_057462</a>
RefSeq Size:	817
RefSeq ORF:	417
Synonyms:	VCX-2r; VCX2R; VCXB
Locus ID:	51480
UniProt ID:	<a href="#">Q9H322</a>
Cytogenetics:	Xp22.31



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**Summary:**

This gene belongs to the VCX/Y gene family, which has multiple members on both X and Y chromosomes that are expressed exclusively in male germ cells. The VCX gene cluster is polymorphic in terms of copy number; different individuals may have a different number of VCX genes. This gene contains two copies of a 30 nt tandem repeat. Deletion of a nearby member of this family was implicated in cognitive disability. [provided by RefSeq, Feb 2015]

**Product images:**

Coomassie blue staining of purified VCX2 protein (Cat# [TP313997]). The protein was produced from HEK293T cells transfected with VCX2 cDNA clone (Cat# [RC213997]) using MegaTran 2.0 (Cat# [TT210002]).