

# Product datasheet for TP324497M

### VCX (NM\_013452) Human Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins** Recombinant protein of human variable charge, X-linked (VCX), 100 µg **Description:** Species: Human HEK293T **Expression Host:** Expression cDNA Clone >RC224497 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s) MSPKPRASGPPAKATEAGKRKSSSQPSPSDPKKKTTKVAKKGKAVRRGRRGKKGAATKMAAVTAPEAESA PAAPGPSDQPSQELPQHELPPEEPVSEGTQHDPLSQEAELEEPLSQESEVEEPLSQESQVEEPLSQESEV EEPLSQESQVEEPLSQESEVEEPLSQESQVEEPLSQESEMEEPLSQESQVEEPLSQESEMEELPSV TRTRPLEQKLISEEDLAANDILDYKDDDDKV C-Myc/DDK Tag: Predicted MW: 22.1 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:** NP 038480 Locus ID: 26609 **UniProt ID:** Q9H320 976 **RefSeq Size:**



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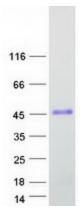
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### OriGene Technologies, Inc.

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	VCX (NM_013452) Human Recombinant Protein – TP324497M
Cytogenetics:	Xp22.31
RefSeq ORF:	618
Synonyms:	VCX-10r; VCX-B1; VCX1; VCX10R; VCXB1
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 10 repeats of the 30-bp unit. [provided by RefSeq, Jul 2008]

## **Product images:**



Coomassie blue staining of purified VCX protein (Cat# [TP324497]). The protein was produced from HEK293T cells transfected with VCX cDNA clone (Cat# [RC224497]) using MegaTran 2.0 (Cat# [TT210002]).

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