

## Product datasheet for **TP324497**

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

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human variable charge, X-linked (VCX), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC224497 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSPKPRASGPPAKATEAGKRKSSSQPSPDPKKKTKVAKKKGAVRRGRRGKGAATKMAAVTAPAEESA  
PAAPGPSDQPSQELPQHELPPEEPVSEGTQHDPLSQEAELEEPLSQESEVEEPLSQESQVEEPLSQESEV  
EEPLSQESQVEEPLSQESEVEEPLSQESQVEEPLSQESEMEEPLSQESQVEEPLSQESEMEELPSV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**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](#)

**RefSeq Size:** 976



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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]).