

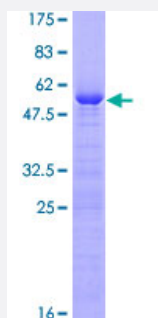
Full-Length

VCX3A (Human) Recombinant Protein (P01)

Catalog # H00051481-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human VCX3A full-length ORF (AAH98149.1, 1 a.a. - 166 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSPKPRASGPPAKATEAGKRKSSSQSPSPDKKKTTKVAKKGKAVRRGRGKKGAATKMAAV TAPEAESGPAAPGPSDQPSQELPQHELPPEEPVSEGTHDPLSQESELEEPLSQESEVEEPLS QESQVEEPLSQESEVEEPLSQESQVEEPLSQESEMEELPSM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.2
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — VCX3A

Entrez GeneID [51481](#)

GeneBank Accession# [BC098149.1](#)

Protein Accession# [AAH98149.1](#)

Gene Name VCX3A

Gene Alias MGC118976, MGC125730, MGC125796, VCX-8r, VCX-A, VCX3, VCX8R, VCXA

Gene Description variable charge, X-linked 3A

Omim ID [300533](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations OTTHUMP00000022866|variable charge protein on X with eight repeats|variably charged X-A