



Recombinant Human Variable charge X-linked protein 1 (VCX)

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| Product Code | CSB-YP875661HU |
| Abbreviation | VCX |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | Q9H320 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MSPKPRASGP PAKATEAGKR KSSSQPSPSD PKKKTTKVAK KGKAVRRGRR GKKGAATKMA AVTAPEAESA PAAPGPSQDP SQELPQHELP PEEPVSEGTV HDPLSQEAEV EEPLSQESEV EEPLSQESQV EEPLSQESEV EEPLSQESQV EEPLSQESEV EEPLSQESQV EEPLSQESEV EEPLSQESQV EEPLSQESEV EELPSV |
| Source | Yeast |
| Target Names | VCX |
| Protein Names | Recommended name: Variable charge X-linked protein 1 Alternative name(s): Variable charge protein on X with ten repeats Short name= VCX-10r Variably charged protein X-B1 Short name= VCX-B1 |
| Expression Region | 1-206 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | full length protein |
| Target Details | 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. |



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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