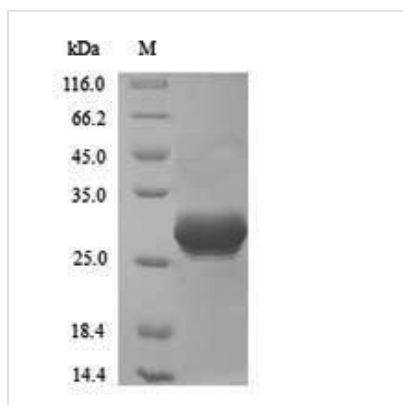




Recombinant Vaccinia virus Complement control protein C3 (VACWR025)

Product Code	CSB-YP302389VAI
Relevance	Serves to protect the virus against complement attack by inhibiting both classical and alternative pathways of complement activation. Binds C3b and C4b.
Abbreviation	Recombinant Vaccinia virus VACWR025 protein
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.	P68638
Alias	28 kDa protein Secretory protein 35 Short name: Protein C3 VCP
Product Type	Recombinant Protein
Immunogen Species	Vaccinia virus (strain Western Reserve) (VACV) (Vaccinia virus (strain WR))
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	CCTIPSRPINMKFKNSVETDANANYNIGDTIEYLCLPGYRKQKMGPIYAKCTGT GWTLFNQCIKRRCPSPRDIDNGQLDIGGVDFGSSITYSCNSGYHLIGESKSYC ELGSTGSMVWNPEAPICESVKCQSPPSISNGRHNGYEDFYTDGSSVVTYSCNS GYSLIGNSGVLCSSGGEWSDPPTCQIVKCPHTISNGYLSSGFKRSYSYNDNVD FKCKYGYKLSGSSSSTCSPGNTWKPELPKCVR
Research Area	Microbiology
Source	Yeast
Target Names	VACWR025
Protein Names	Recommended name: Complement control protein Alternative name(s): 28 kDa protein Secretory protein 35 Short name= Protein C3 VCP
Expression Region	20-263aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	28.6kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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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