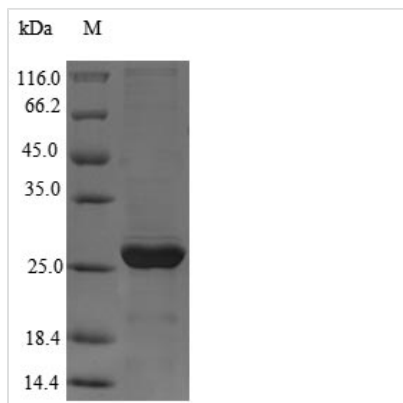




Recombinant Giardia lamblia virus Major capsid protein (gag), partial

Product Code	CSB-EP724163GBAS
Relevance	Capsid protein self-assembles to form an icosahedral capsid with a T=2 symmetry, 35 nm in diameter, and consisting of 60 capsid proteins asymmetric dimers. The capsid encapsulates the genomic dsRNA and the polymerase and remains intact following cell entry to protect the dsRNA from degradation and to prevent unfavorable antiviral responses in the host cell during all the replication cycle of the virus. Nacent transcripts are transcribed within the structural confines of the virion and are extruded into the cytoplasm (By similarity).
Abbreviation	Recombinant Giardia lamblia virus Major capsid protein, partial
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.	Q67652
Alias	Gag protein Major coat protein
Product Type	Recombinant Protein
Immunogen Species	Giardia lamblia virus (isolate Wang) (GLV)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MVWGTGYGNPSPLNPYGFASLHRGGLNPLILAPENITFDLNTNHDHEETHGE SPEVPKASIAPAGRQNPVLQQNQENEDNHALGGSEDAKDEREIRFSAIKTLY NYYSEGPSTPIMPHLVNRLRGLDALAKIDATLTKVDMNAAYIFALRPTFPYSYG YKQRFNSNRRLTTSALCYARTGLSSFLTVDKTYTNSPLKGGSRGWP
Research Area	Microbiology
Source	E.coli
Target Names	gag
Protein Names	Recommended name: Major capsid protein Alternative name(s): Gag protein Major coat protein
Expression Region	1-206aa
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	26.8kDa
Protein Length	Partial
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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