

Recombinant Giardia Lamblia Virus GLVGP2 Protein (1-206 aa), His-tagged

Cat. No. GLVGP2-2084G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Giardia Lamblia Virus (isolate Wang) (GLV) GLVGP2 Protein (1-206 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Microbiology. Protein Description: Partial.
Species	Giardia Lamblia Virus
Source	E.coli
ProteinLength	1-206 aa
Description	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).
Form	Tris-based buffer, 50% glycerol
Molecular Mass	26.8 kDa
AA Sequence	MVWGTGYGNPSPLNPYGFASLHRGGLNPLILAPENITFDTLNTHNDHEETHGESPE VPKASIAPAGRQNVPLQQNQENEDNHALGGSEDAKDEREIRFSAIKTLYNYYSEGP

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	STPIMPHLVNRLRGLDALAKIDATLT KVDMNAAYIFALRPTFPYSYGYKQRF SNRRLT TSALCYARTGLSSFLTVDKTYTSNSPLKGGSRGWP
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

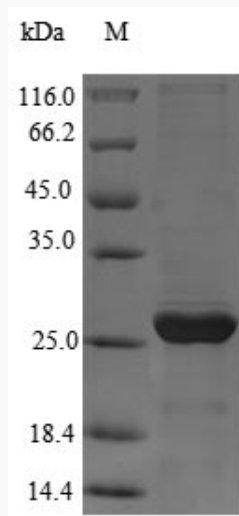
GENE INFORMATION

Gene Name	GLVgp2 capsid protein [<i>Giardia lamblia</i> virus]
Official Symbol	GLVGP2
Synonyms	gag; Gag protein Major coat protein;
Gene ID	940170
Protein Refseq	NP_619551
UniProt ID	Q67652

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

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