

Pre-glycoprotein polyprotein GP complex (GPC) Recombinant Protein | GPC recombinant protein

Recombinant Lymphocytic choriomeningitis virus Pre-glycoprotein polyprotein GP complex (GPC), partial

CATALOG # AAA18656	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Pre-glycoprotein polyprotein GP complex (GPC); Recombinant Lymphocytic choriomeningitis virus Pre-glycoprotein polyprotein GP complex (GPC); partial; Stable signal peptide; SSP; Glycoprotein G1; GP1; Glycoprotein G2; GP2; GPC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	266-498aa; Partial
Sequence	GTFTWTLSDS SGVENPGGYC LTKWMILAAE LKCFGNTAVA KCNVNHDAEF CDMLRLIDYN KAALSKFKED VESALHLFKT TVNSLISDQL LMRNHLRDLM GVPYCNYSKF WYLEHAKTGE TSVPKCWLVT NGSYLNETHF SDQIEQEADN MITEMLRKDY IKRQGSTPLA LMDLLMFSTS AYLVSIFLHL VKIPTHRIK GGSCPKPHRL TNKGICSCGA FKVPGVKTVW KRR
Species	Lymphocytic choriomeningitis virus (strain Armstrong) (LCMV)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GPC recombinant protein	Stable signal peptide (SSP) is cleaved but is apparently retained as the third component of the GP complex. The SSP is required for efficient glycoprotein expression, post-translational cleavage of GP1 and GP2, glycoprotein transport to the cell plasma membrane, formation of infectious virus particles, and acid pH-dependent glycoprotein-mediated cell fusion.
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Product Categories/Family for GPC recombinant protein	Microbiology
References	"Molecular characterization of the genomic S RNA segment from lymphocytic choriomeningitis virus." Southern P.J., Singh M.K., Riviere Y., Jacoby D.R., Buchmeier M.J., Oldstone M.B.A. Virology 157:145-155(1987)

NCBI AND UNIPROT INFORMATION

NCBI GI #	138356
UniProt Accession #	P09991; Q27V72; Q49K87
Molecular Weight	42.4 kDa
NCBI Official Full Name	Pre-glycoprotein polyprotein GP complex
UniProt Protein Name	Pre-glycoprotein polyprotein GP complex
UniProt Gene Name	GPC
UniProt Synonym Gene Names	GP-C; SSP; GP1; GP2
UniProt Entry Name	GLYC_LYCVA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://www.aaabiotech.com/gpc-recombinant-protein-e-coli/18656>