



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

Product Code	CSB-EP357830LKW
Relevance	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.
Abbreviation	Recombinant Lymphocytic choriomeningitis virus GPC 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.	P09991
Alias	Stable signal peptide Short name: SSP Glycoprotein G1 Short name: GP1 Glycoprotein G2 Short name: GP2
Product Type	Recombinant Protein
Immunogen Species	Lymphocytic choriomeningitis virus (strain Armstrong) (LCMV)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GTFTWTLS DSSGVENPGGYCLTKWMILAAELKCFGNTAVAKC NVNHDAEFCD MLRLIDYNKAALSKFKEDVESALHLFKTTVNSLISDQLLMRNHLRDLMGVPYCN YSKFWYLEHAKTGETSVPKCWLVTNGSYLNETHFSDQIEQEADNMITEMLRK DYIKRQGSTPLALMDLLMFSTSAYLVSIFLHLVKIPTHRIKGGSCPKPHRLTNK GICSCGAFKVPGVKTVWKRR
Source	E.coli
Target Names	GPC
Expression Region	266-498aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	42.4kDa
Protein Length	Partial
Image	

