



Recombinant Moloney murine leukemia virus Gag polyprotein (gag), partial

Product Code	CSB-EP356017MHKe0
Relevance	Gag polyprotein plays a role in budding and is processed by the viral protease during virion maturation outside the cell. During budding, it recruits, in a PPXY-dependent or independent manner, Nedd4-like ubiquitin ligases that conjugate ubiquitin molecules to Gag, or to Gag binding host factors. Interaction with HECT ubiquitin ligases probably link the viral protein to the host ESCRT pathway and facilitate release.
Abbreviation	Recombinant Moloney murine leukemia virus Gag polyprotein, 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.	P03332
Alias	Core polyprotein
Product Type	Recombinant Protein
Immunogen Species	Moloney murine leukemia virus (isolate Shinnick) (MoMLV)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	PLRAGGNGQLQYWPFSSSDLYNWKNNNPSFSEDPGKLTALIESVLITHQPTW DDCQQLLGTLTGEEKQRVLLLEARKAVRGDDGRPTQLPNEVDAAFPLERPDW DYTTQAGRNLVHYRQLLLAGLQNAGRSPTNLAKVKGITQGPNESPSAFLERL KEAYRRYTPYDPEDPGQETNVSMSFIWQSAPDIGRKLERLEDLKNKTLGDLVR EAEKIFNKRETPEEREERIRRETEEKEERRRTEDEQKEKERDRRRHREMSKLL
Source	E.coli
Target Names	gag
Expression Region	216-478aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	57.6kDa
Protein Length	Partial
Image	

