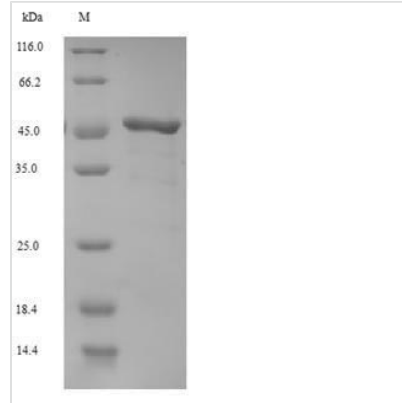




Recombinant Moloney murine leukemia virus Gag polyprotein(gag) ,partial

Product Code	CSB-EP356017MHK
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.
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
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Core polyprotein Cleaved into the following 4 chains: Matrix protein p15 Short name: MA RNA-binding phosphoprotein p12 Alternative name(s): pp12 Capsid protein p30 Short name: CA Nucleocapsid protein p10 Short name: NC-gag
Product Type	Recombinant Protein
Species	Moloney murine leukemia virus (isolate Shinnick) (MoMLV)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	PLRAGGNGQLQYWPFSSSDLYNWKNNNPSFSEDPGKLTALIESVLITHQPTW DDCQQLLGTLTGEEKQRVLLLEARKAVRGDDGRPTQLPNEVDAAFPLERPDW DYTTQAGRNLVHYRQLLLAGLQNAGRSPTNLAKVKGITQGPNESPSAFLERL KEAYRRYTPYDPEDPGQETNVSMSFIWQSAPDIGRKLERLEDLKNKTLGDLVR EAEKIFNKRETPEEREERIRRETEEKEERRRTEDEQKEKERDRRRHREMSKLL
Research Area	Microbiology
Source	E.coli
Gene 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 6xHis-SUMO-tagged
Mol. Weight	46.6kDa
Protein Description	Partial

Image



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