

Leukemia virus Gag polyprotein (gag) Recombinant Protein | gag recombinant protein

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

CATALOG # AAA235209	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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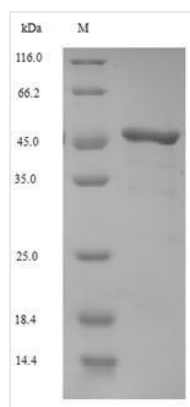
PRODUCT SYNONYMS

Leukemia virus Gag polyprotein (gag); Recombinant Moloney murine leukemia virus Gag polyprotein (gag); partial; Core polyprotein; Matrix protein p15; RNA-binding phosphoprotein p12; Capsid protein p30; Nucleocapsid protein p10; gag 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	216-478aa; Partial (Capsid protein p30 Chain)
Sequence	PLRAGGNGQL QYWPFSDDL YNWKNNNPSF SEDPGKLTAL IESVLITHQP TWDDCQQLG TLLTGEEKQR VLEARKAVR GDDGRPTQLP NEVDAAFPLE RPDWDYTTQA GRNHLVHYRQ LLLAGLQNAG RSPTNLAKVK GITQGPNEP SAFLERLKEA YRRYTPYDPE DPGQETNVSM SFIWQSAPDI GRKLERLEDL KNKTLGDLVR EAEKIFNKRE TPEEREERIR RETEEKEERR RTEDEQKEKE RDRRRHREMS KLL
Organism	Moloney murine leukemia virus (isolate Shinnick) (MoMLV)
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for gag recombinant protein	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.
Product Categories/Family for gag recombinant protein	Microbiology
References	Late domain-independent rescue of a release-deficient Moloney murine leukemia virus by the ubiquitin ligase Itch.Jadwin J.A., Rudd V., Sette P., Challa S., Bouamr F.J. Virol. 84:704-715 (2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9626959
NCBI GeneID	1491870
NCBI Accession #	NP_057934.1
NCBI GenBank Nucleotide #	NC_001501.1
UniProt Accession #	P03332; Q9WJP4
Molecular Weight	46.6 kDa
NCBI Official Full Name	Pr65
NCBI Official Symbol	gag
NCBI Protein Information	Pr65; p15 MA; pp12; p30 CA; p10 NC
UniProt Protein Name	Gag polyprotein
UniProt Gene Name	gag
UniProt Synonym Gene Names	Pr65gag; MA; CA; NC-gag

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.

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Online datasheet: <https://www.aaabiotech.com/gag-recombinant-protein-e-coli/235209>