



Recombinant Human Endogenous retrovirus group K member 113 Gag polyprotein (HERVK_113)

Product Code	CSB-MP352942HU
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.	P62684
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GQTKSKIKS KYASYLSFIK ILLKRGGVKV STKNLIKLFQ IIEQFCPWFP EQGTLDLKDW KRIGKELKQA GRKGNIPLT VWNDWAIKA ALEPFQTEED SVSVSDAPGS CIIDCNEKTR KKSQKETESL HCEYVAEPVM AQSTQNADYN QLQEVIYPET LKLEGKGPPEL MGPSESKPRG TSPLPAGQVP VTLQPQKQVK ENKTQPPVAY QYWPPAELQY QPPPEAQYGY PGMPPAPQGR APYPQPPTRR LNPTAPPSRQ GSELHEIIDK SRKEGDTEAW QFPVTLELMP PGEGAQEGEP PTVEARYKSF SIKMLKDMKE GVKQYGPNSP YMRLLDSIA HGHRLIPYDW EILAKSSLSP SQFLQFKTWW IDGVQEQVRR NRAANPPVNI DADQLLGIGQ NWSTISQQAL MQNEAIEQVR AICLRAWKEI QDPGSTCPSF NTVRQGSKEP YPDFVARLQD VAQKSIADK ARKVIVELMA YENANPECQS AIKPLKGVKVP AGSDVISEYV KACDGMGGAM HKAMLMAQAI TGVVLLGGQVR TFGGKCYNCG QIGHLKKNCP VLNKQNITIQ ATTTGREPPD LCPRCKKGKH WASQCRSKFD KNGQPLSGNE QRGQPAPQQ TGAFPIQPFV PQGFQGGQPP LSQVFQGISQ LPQYNNCP PP QAAVQQ
Source	Mammalian cell
Target Names	HERVK_113
Protein Names	Recommended name: HERV-K_19p13.11 provirus ancestral Gag polyprotein Short name= Gag polyproteinAlternative name(s): HERV-K113 Gag proteinCleaved into the following 3 chains: 1. Matrix protein 2. Capsid protein 3. Nucleocapsid
Expression Region	2-666
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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