



# Recombinant Human Endogenous retrovirus group K member 7 Gag polyprotein (ERV-K-7)

<b>Product Code</b>	CSB-BP350511HU
<b>Storage</b>	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.
<b>Uniprot No.</b>	P63130
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GQTKSKIKS KYASYLSFIK ILLKRGGVKV STKNLIKLFQ IIEQFCPWFP EQGTLDLKDQW KRIGKELKQA GRKGNIIPLT VWNDWAIKA ALEPFQTEKD SVSVSDALGS CIIDCNENTR KKSQKETEGE HCEYVAEPMV AQSTQNVVDYN QLQEVIYPET LKLEGKGPPEL VGPSESKPRG TSHLPAGQVP VTLQPQKQVK ENKTQPPVAY QYWPPAELQY RPPPEQYGY PGMPPAPQGR APYPQPPTRR LNPTAPPSRQ GSELHEIIDK SRKEGDTEAW QFPVTLEPMP PGEGAQEGEP PTVEARYKSF SIKMLKDMKE GVKQYGPNSP YMRTLLDSIA HGHRLIPYDW EILAKSSLSP SQFLQFKTWW IDGVQEQVRR NRAANPPVNI DADQLLGIGQ NWSTISQQAL MQNEAIEQVR AICLRAWEKI QDPGSTCPSF NTVRQGSKEP YPDFVARLQD VAQKSIADK ARKIVIVELMA YENANPECQS AIKPLKGVKVP AGSDVISEYV KACDGIGGAM HKAMLMAQAI TGVVLGGQVR TFGGKCYNCG QIGHLKKNCPLNKNQITIQ ATTTGREPPD LCPRCKKGKH WASQCRSKFD KNGQPLSGNE QRGQPAPQQ TGAFPIQPFV PQGFQEQQPP LSQVFQGISQ LPQYNNCPPP QAAVQQ
<b>Source</b>	Baculovirus
<b>Target Names</b>	ERV-K-7
<b>Protein Names</b>	Recommended name: HERV-K_1q22 provirus ancestral Gag polyprotein Short name= Gag polyprotein Alternative name(s): HERV-K(III) Gag protein HERV-K102 Gag protein Cleaved into the following 3 chains: 1. Matrix protein 2. Capsid pro
<b>Expression Region</b>	2-666
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.

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