



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

Product Code	CSB-EP350511HU
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.	P63130
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GQTKSKIKS KYASYLSFIK ILLKRGGVKV STKNLIKLFQ IIEQFCPWFP EQGTLDLKDQW KRIGKELKQA GRKGNIIPLT VWNDWAIKA ALEPFQTEKD SVSVSDALGS CIIDCNENTR KKSQKETEGE HCEYVAEPVM 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 AICLRAWKEI QDPGSTCPSF NTVRQGSKEP YPDFVARLQD VAQKSIADK ARKIVIVELMA YENANPECQS AIKPLKGVKVP AGSDVISEYV KACDGIGGAM HKAMLMAQAI TGVVLGGQVR TFGGKCYNCG QIGHLKKNCPLNKNQITIQ ATTTGREPPD LCPRCKKGKH WASQCRSKFD KNGQPLSGNE QRGQPAPQQ TGAFPIQPFV PQGFQEQQPP LSQVFQGISQ LPQYNNCP PP QAAVQQ
Source	E.coli
Target Names	ERVK-7
Protein Names	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
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

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.