



# Recombinant Human Endogenous retrovirus group K member 5 Gag polyprotein (ERVK-5)

<b>Product Code</b>	CSB-EP862077HU-B
<b>Abbreviation</b>	ERVK-5
<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>	Q9HDB9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GQTKSKTKS KYASYLSFIK ILLKRGGVRV STKNLIKLFQ IIEQFCPWFP EQGTLDLKDW KRIGEELKQA GRKGNIIPLT VWNDWAIKA ALEPFQTKED SVSVSDAPGS CVIDCNEKTG RKSQKETESL HCEYVTEPVM AQSTQNV DYN QLQGVYIPET LKLEGKGP EL VGPSESKPRG PSPLPAGQVP VTLQPQTQVK ENKTQPPVAY QYWPPAELQY LPPESQYGY PGMPPALQGR APYPQPPTVR LNPTASRSGQ GGTLHAVIDE ARKQGDLEAW RFLVILQLVQ AGEETQVGAP ARAETRCEPF TMKMLKDIKE GVKQYGSNSP YIRLLDSIA HGNRLTPYDW ESLAKSSLSS SQYLQFKTWW IDGVQEQRV NQATKPTVNI DADQLLGTGP NWSTINQQSV MQNEAIEQVR AICLRAWGKI QDPGTAFPIN SIRQGSKEPY PDFVARLQDA AQKSITDDNA RKVIVELMAY ENANPECQSA IKPLKGVPA GVDVITEYVK ACDGIGGAMH KAMLMAQAMR GLTLGGQVRT FGKKCYNCGQ IGHKLRSCPV LNKQNIINQA ITAKNKKPSG LCPKCGKKGK WANQCHSKFD KDGQPLSGNR KRGQPAPQQ TGAFPVQLFV PQGFQGGQPL QKIPPLQGV S QLQQSNSCPA PQQAAPQ
<b>Source</b>	E.coli
<b>Target Names</b>	ERVK-5
<b>Protein Names</b>	Recommended name: HERV-K_3q12.3 provirus ancestral Gag polyprotein Short name= Gag polyprotein Alternative name(s): HERV-K(II) Gag protein Cleaved into the following 3 chains: 1. Matrix protein 2. Capsid protein 3. Nucleocapsid
<b>Expression Region</b>	2-667
<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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