



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

Product Code	CSB-MP862077HU
Abbreviation	ERVK-5
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.	Q9HDB9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GQTKSKTKS KYASYLSFIK ILLKRGGVRV STKNLIKLFQ IIEQFCPWFP EQGTLDLKDQW KRIGEELKQA GRKGNIIPLT VWNDWAIKA ALEPFQTKED SVSVSDAPGS CVIDCNEKTG RKSQKETESL HCEYVTEPVM AQSTQNVNDYN QLQGVYIPET LKLEGKGPEL VGPSESKPRG PSPLPAGQVP VTLQPQTQVK ENKTQPPVAY QYWPPAELQY LPPESQYGY PGMPPALQGR APYPQPPTVR LNPTASRSGQ GGTLHAVIDE ARKQGDLEAW RFLVILQLVQ AGEETQVGAP ARAETRCEPF TMKMLKDIKE GVKQYGSNSP YIRTLTLDIA 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 QKIPPLQGVV QLQSNNSCPA PQQAAPQ
Source	Mammalian cell
Target Names	ERVK-5
Protein Names	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
Expression Region	2-667
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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