



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

Product Code	CSB-EP862077HU
Abbreviation	Recombinant Human ERVK-5 protein
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
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	<p> GQTKSKTKSKYASYLSFIKILLKRGGVSTKNLIKLFQIIQFCPWFPEQGTLD LKDWKRIGEELKQAGRKGNIPLTVWNDWAIKAALEPFQTKEDSVSVSDAPGS CVIDCNEKTGRKSQKETESLHCEYVTEPVMASQSTQNVQDYNQLQGVIPETLKL EGKGPELVGPSESKPRGPSPLPAGQVPVTLQPQTQVKENKTQPPVAYQYWP PAELQYLPPESQYGYPGMPPALQGRAPYPQPPTVRLNPTASRSGQGGTLH AVIDEARKQGDLEAWRFLVILQLVQAGEETQVGAPARAETRCEPFTMKMLKDI KEGVKQYGSNSPYIRTLTDSIAHGNRLTPYDWESLAKSSLSSSQYLQFKTWWI DGVQEVRKNQATKPTVNIDADQLLGTGPNWSTINQSSVMQNEAIEQVRAICL RAWGKIQDPGTAFPINSIRQGSKEPYPDFVARLQDAAQKSITDDNARKVIVELM AYENANPECQSAIKPLKGKVPAGVDVITEYVKACDGIGGAMHKAMLMAQAMR GLTLGGQVVRTFGKKCYNCGQIGHLKRSCPVLNKQNIINQAITAKNKKPSGLCPK CGKGKHWANQCHSKFDKDGQPLSGNRKRGQPQAPQQTGAFFVQLFVPQGF QGQQPLQKIPPLQGVSQLQQSNSCPAPQQAAPQ </p>
Research Area	Others
Source	E.coli
Target Names	ERV-K-5
Protein Names	<p>Recommended name: HERV-K_3q12.3 provirus ancestral Gag polyprotein</p> <p>Short name= Gag polyprotein</p> <p>Alternative name(s): HERV-K(II) Gag protein</p> <p>Cleaved into the following 3 chains: 1. Matrix protein 2. Capsid protein 3. Nucleocapsid protein</p>
Expression Region	2-667aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

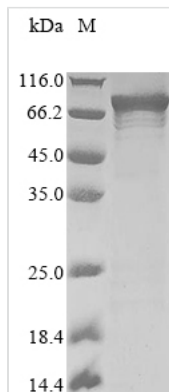


Tag Info N-terminal 10xHis-tagged and C-terminal Myc-tagged

Mol. Weight 80.9 kDa

Protein Length Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.