HERV-K_11q22.1 Provirus Ancestral Env Polyprotein (SU) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	HERV-K_11q22.1 provirus ancestral Env polyprotein (SU), Recombinant Protein
Full Product Name	Recombinant Human HERV-K_11q22.1 provirus ancestral Env polyprotein
Product Gene Name	SU recombinant protein
Product Synonym Names	Recombinant HERV-K_11q22.1 provirus ancestral Env polyprotein; HERV-K_11q22.1 provirus ancestral Env polyprotein; Envelope polyprotein Cleaved into the following 2 chains: 1. Surface protein; 2. SU 3. Transmembrane protein; 4. TM
Sequence	FIFTLIAVIM GLIAVTATGA VAGVALHSSV QSVNFVNDWQ KNSTRLWNSQ SSIDQKLANQ INDLRQTVIW MGDRLMSLEH RFQLQCDWNT SDFCITPQIY NESEHHWDMV RRHLQGREDN LTLDISKLKE QIFKASKAHL NLVPGTEAIA GVADGLANLN PVTWVKTIGS TTIINLILIL VCLFCLLLVC RCTQQL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	74,892 Da
Sequence Positions	466-661
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P61570
Species	Homo sapiens (Human)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SU recombinant protein	MBS1256142 is a recombinant protein targeting SU. Also known as Recombinant Human HERV-K_11q22.1 provirus ancestral Env polyprotein. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SU recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SU. It may not necessarily be applicable to this product.

NCBI GI #	47605621
NCBI Accession #	P61570.1
UniProt Primary Accession #	P61570
NCBI Official Full Name	HERV-K_11q22.1 provirus ancestral Env polyprotein
UniProt Protein Name	HERV-K_11q22.1 provirus ancestral Env polyprotein

UniProt Synonym Protein Names	Envelope polyprotein
Protein Family	Endogenous retrovirus group K member 25 Env polyprotein
UniProt Gene Name	SU
UniProt Synonym Gene Names	TM
UniProt Entry Name	ENK17_HUMAN
UniProt Comments for SU	ENK17: Retroviral envelope proteins mediate receptor recognition and membrane fusion during early infection. Endogenous envelope proteins may have kept, lost or modified their original function during evolution. Belongs to the beta type-B retroviral envelope protein family. HERV class-II K(HML-2) env subfamily. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 11q22.1
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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