

Recombinant Full Length Human Endogenous Retrovirus Group K Member 7 Env Polyprotein Protein, His-Tagged

Cat. No. RFL28888HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Endogenous retrovirus group K member 7 Env polyprotein Protein (P61567) (1-588aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-588)
Form	Lyophilized powder
AA Sequence	MVTPVTWMDNP IEIYVND SVWVPGPIDDRCPAKPEEEGMMINISIGYRYPPICLGRA PGCLMPAVQNWLVEVPTVSPISRFTYH MVSGMSLRPRVNYLQDFS YQRSLKFRPK GKPCPK EIPKESKNTEVLVWEECVANS AVILQNNEFGTIIDWAPRGQFYHNCSGQTQ SCPSAQVSPA VDSDLTESLDKHKHKKLQSFYPWEWGEKRISTPRPKIVSPVSGPEH PELWRLTVASHHIRIWSGNQTLETRDCKPFYTIDLNSSLT VPLQSCVKPPYMLVVGNI VIKPDSQTITCENCRLLS CIDSTFNWQHRILLVRAREGVWIPVSM DRPWEASPSVHIL TEVLKGVLNRSKR FIFTLIAVIMGLIAVTATAAVAGVALHSSVQSVNFVNDWQKNSTR LWNSQSSIDQKLANQINDLRQTVIWMGDRLMSLEHRFQLQCDWNTSDFCITPQIYN ESEHHWDMVRRHLQGREDNLTLDISKLKEQIFEASKAHLNLVPGTEA IAGVADGLAN LNPVTWVK TIGSTTIINLILVCLFCLLLVCRCTQQLRRDS DHRERAMMTMAVLSKRK GGNVGKSKRDQIVTVSV Note: The complete sequence including tag sequence, targ

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et protein sequence and linker sequence could be provided upon request.

Purity

Greater than 90% as determined by SDS-PAGE.

Notes

Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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.

GENE INFORMATION

Gene Name

ERVK-7

Synonyms

ERVK-7; Endogenous retrovirus group K member 7 Env polyprotein; Envelope polyprotein; HERV-K(III envelope protein; HERV-K102 envelope protein; HERV-K_1q22 provirus ancestral Env polyprotein

UniProt ID

[P61567](#)

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