

Datasheet for ABIN7547362  
**ERVK-5 Protein (AA 1-245) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ERVK-5
Protein Characteristics:	AA 1-245
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERVK-5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat ERVK-5 Protein expressed in mammalien cells.
Sequence:	<p>MVTPVTWMDN PIEVYVNSDV WVPGPTDDRC PAKPEEEGMM INISIVRYYP PICLGRAPGC LMPAVQNWL V EVPTVSPNSR FTYH MVSGMS LRPRVNYLQD FSYQRSLKFR PKGKPCPKEI PKESKNTEVL VWEECVANSA VILQNNEFGT IIDWAPRGQF YHNC SGQTQS CPSAQVSPAV DSDLTESLDK HKHKKLQSFY PWEWGEKGIS TPRPEIISPV SGPEHPELWR LWPDTTLEFG LEIKL</p> <p><b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalien cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and</li></ul>

## Product Details

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transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity: > 90 % as determined by Bis-Tris Page, Western Blot

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Grade: custom-made

## Target Details

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Target: ERVK-5

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Alternative Name: ERVK-5

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Background: Endogenous retrovirus group K member 5 Env polyprotein (Envelope polyprotein) (HERV-K(II) envelope protein) (HERV-K\_3q12.3 provirus ancestral Env polyprotein) [Includes: Truncated surface protein (SU)],FUNCTION: 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.

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Molecular Weight: 27.9 kDa

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UniProt: [Q9HDB8](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months