

Datasheet for ABIN7547305

## ERVFC1-1 Protein (AA 1-527) (His tag)



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### Overview

Quantity:	1 mg
Target:	ERVFC1-1
Protein Characteristics:	AA 1-527
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERVFC1-1 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant ERVFC1-1 Protein expressed in mammalian cells.
Sequence:	<p>MNSPCDRLQQ FIQVLLEESW SFPSFANTLH WPENLLSYID ELVWQGS LQN FHQHEVRFDK</p> <p>PPLRLPLTGF SSLTENWSSR QAVSSRLVAT AASPPAGCQA PIAFLGLKFS SLGPARKNPA</p> <p>LCFLYDQSNS KCNTSWVKEN VGCPWHWCNI HEALIRTEKG SDPMFYVNTS TGGRDGFNGF</p> <p>NLQISDPWDP RWASGVDGGL YEHKTFMYPV AKIRIARTLK TTVTGLSDLA SSIQSAEKEL</p> <p>TSQLQPAADQ AKSSRFSWLT LISEGAQLLQ STGVQNLSHC FLCAALRRPP LVAVPLPTPF</p> <p>NYTINSSTPI PPVPKGQVPL FSDPIRHKFP FCYSTPNASW CNQTRMLTST PAPPRGYFWC</p> <p>NSTLTKVLNS TGNHTLCLPI SLIPGLTLYS QDELSHLLAW TEPRPQNKSK WAIFLPLVLG</p> <p>ISLASSLVAS GLGKGALTHS IQTSQDLSTH LQLAIEASAE SLDSLQRQIT TVAQVAAQNR</p> <p>QALDLLMAEK GRTCLFLQEE CCYYLNEGSV VENS LQTLKK KKSSKRS <b>Sequence without tag.</b></p> <p><b>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>

## Product Details

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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 mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	ERVFC1-1
Alternative Name:	ERVFC1-1 ( <a href="#">ERVFC1-1 Products</a> )
Background:	<p>Endogenous retrovirus group FC1 member 1 Env polyprotein (Envelope polyprotein) (Fc2deltaenv) (HERV-F(c)2_7q36.2 provirus ancestral Env polyprotein) [Includes: Surface protein (SU), Truncated transmembrane protein (TM)],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. This endogenous envelope protein has lost its original fusogenic properties.</p> <p>{ECO:0000269 PubMed:14557543}.</p>
Molecular Weight:	58.3 kDa
UniProt:	<a href="#">P60608</a>

## Application Details

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Application Notes:	We expect the protein to work for functional studies. 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
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## 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
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