Datasheet for ABIN7551198

ERVK-6 Protein (AA 1-105) (His tag)

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Overview

Quantity:	1 mg
Target:	ERVK-6
Protein Characteristics:	AA 1-105
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERVK-6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ERVK-6 Protein expressed in mammalian cells.
Sequence:	MNPSEMQRKA PPRRRRHRNR APLTHKMNKM VTSEEQMKLP STKKAEPPTW AQLKKLTQLA TKYLENTKVT QTPESMLLAA LMIVSMVSAG VPNSSEETAT IENGP **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.**
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:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

	• 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.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ERVK-6
Alternative Name:	ERVK-6 (ERVK-6 Products)
Background:	Endogenous retrovirus group K member 6 Rec protein (Central open reading frame) (c-orf) (cORF) (Endogenous retrovirus K protein 6) (HERV-K(C7) Rec protein) (HERV-K(HML-2.HOM) Rec protein) (HERV-K108 Rec protein) (HERV-K_7p22.1 provirus Rec protein) (K-Rev) (Rev-like protein) (Rev/Rex homolog),FUNCTION: Retroviral replication requires the nuclear export and translation of unspliced, singly-spliced and multiply-spliced derivatives of the initial genomic transcript. Rec interacts with a highly structured RNA element (RcRE) present in the viral 3'LTR and recruits the cellular nuclear export machinery. This permits export to the cytoplasm of unspliced genomic or incompletely spliced subgenomic viral transcripts. {ECO:0000269|PubMed:10516058, ECO:0000269|PubMed:10557333, ECO:0000269|PubMed:10980608, ECO:0000269|PubMed:11000203, ECO:0000269|PubMed:11105755, ECO:0000269|PubMed:11581404}.
Molecular Weight:	11.8 kDa
UniProt:	Q69383

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months