

Datasheet for ABIN7545135

HERV-K104 (AA 1-156) protein (His tag)



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3 Images

Overview

Quantity:	1 mg
Target:	HERV-K104
Protein Characteristics:	AA 1-156
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Made-to-order recombinant HERV-K104 Protein expressed in mammalian cells.
Sequence:	<p>WASQVSENRP VCKAIQKQK FEGLVDTEAD VSIALNQWP KNWPKQKAVT GLVGIGTASE VYQSTEILHC LGPDNQESTV QPMITSIPLN LWGQDLLQQW GAEITMPAPL YSPTSQKIMT KMGYIPGKGL GKNEDGIKVP VEAQINQKRE GIGYPF 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.</p>
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"> • 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

Product Details

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.

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

Target Details

Target:	HERV-K104
Background:	Endogenous retrovirus group K member 104 Pro protein (HERV-K104 Pro protein) (HERV-K_5q13.3 provirus ancestral Pro protein) (EC 3.4.23.50) (Protease) (Proteinase) (PR),FUNCTION: Retroviral proteases have roles in the processing of the primary translation products and the maturation of the viral particle. Endogenous Pro proteins may have kept, lost or modified their original function during evolution (By similarity). {ECO:0000250}.
Molecular Weight:	17.1 kDa
UniProt:	P63124

Application Details

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.
Restrictions:	For Research Use only

Handling

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

Handling

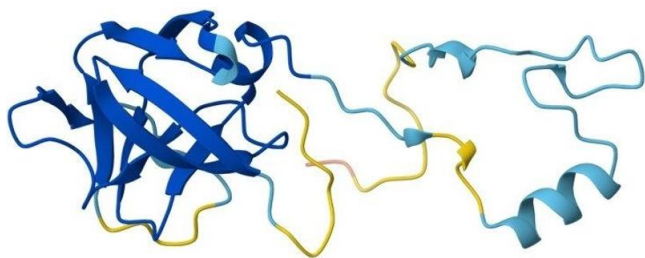
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

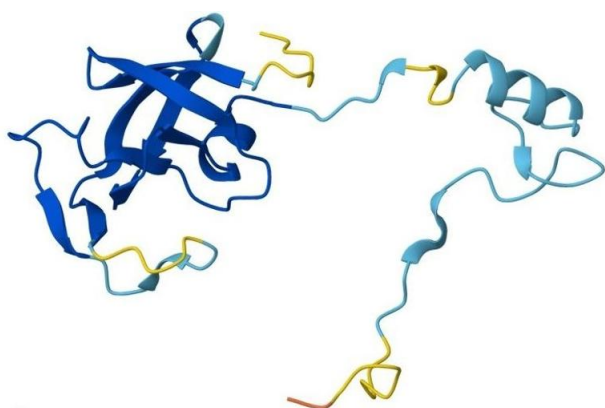
Expiry Date: 12 months

Images



Protein Structure

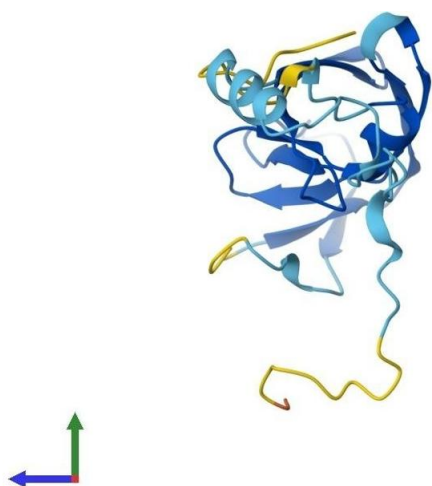
Image 1. AlphaFold protein structure prediction of Human Recombinant HERV-K104 Protein, UniprotID P63124



Protein Structure

Image 2. AlphaFold protein structure prediction of Human Recombinant HERV-K104 Protein, UniprotID P63124





Protein Structure

Image 3. AlphaFold protein structure prediction of Human Recombinant HERV-K104 Protein, UniprotID P63124