

Datasheet for ABIN7545048

VKORC1L1 Protein (AA 1-176) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	VKORC1L1
Protein Characteristics:	AA 1-176
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VKORC1L1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat VKORC1L1 Protein expressed in mammalien cells.
Sequence:	MAAPVLLRVS VPRWERY AVCAAGILLS IYAYHVEREK ERDPEHRALC DLGPWVKCSA ALASRWGRGF GLLGSIFGKD GVLNQPNVSVF GLIFYILQLL LGMTASAVAA LILMTSSIMS VVGSLYLAYI LYFVLKEFCI ICIVTYVLNF LLLIINYKRL VYLNEAWKRQ LQPKQD 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.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien 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, Western Blot
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Grade:	custom-made
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Target Details

Target:	VKORC1L1
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Alternative Name:	VKORC1L1 (VKORC1L1 Products)
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Background:	Vitamin K epoxide reductase complex subunit 1-like protein 1 (VKORC1-like protein 1) (EC 1.17.4.4),FUNCTION: Involved in vitamin K metabolism. Can reduce inactive vitamin K 2,3-epoxide to active vitamin K, and may contribute to vitamin K-mediated protection against oxidative stress. Plays a role in vitamin K-dependent gamma-carboxylation of Glu residues in target proteins. {ECO:0000269 PubMed:21367861, ECO:0000269 PubMed:23928358, ECO:0000269 PubMed:24532791}.
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Molecular Weight:	19.8 kDa
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UniProt:	Q8N0U8
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Application Details

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
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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