

Datasheet for ABIN7545074
VPS36 Protein (AA 1-386) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	VPS36
Protein Characteristics:	AA 1-386
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VPS36 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat VPS36 Protein expressed in mammalian cells.
Sequence:	MDRFVWTSGL LEINETLVIQ QRGVRIYDGE EKIKFDAGTL LLSTHRLIWR DQKNHECCMA ILLSQIVFIE EQAAGIGKSA KIVVHLHPAP PNKEPGPFQS SKNSYIKLSF KEHGQIEFYR RLSEEMTQRR WENMPVSQL QTNRGPQGR IRAVGIVGIE RKLEEKRKET DKNISEAFED LSKLMIKAKE MVELSKSIAN KIKDKQGDIT EDETIRFKSY LLSMGIANPV TRETYGSGTQ YHMLAKQLA GILQVPLEER GGIMSLTEVY CLVNRARGME LLSPEDLVNA CKMLEALKLP LRLRVFDSGV MVIELQSHKE EEMVASALET VSEKGLTSE EFAKLVGMSV LLAKERLLLA EKMGHLCRDD SVEGLRFYPN LFMTQS 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:
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Product Details

- 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.
- 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

Grade: custom-made

Target Details

Target: VPS36

Alternative Name: VPS36 ([VPS36 Products](#))

Background: Vacuolar protein-sorting-associated protein 36 (ELL-associated protein of 45 kDa) (ESCRT-II complex subunit VPS36),FUNCTION: Component of the ESCRT-II complex (endosomal sorting complex required for transport II), which is required for multivesicular body (MVB) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-II complex is probably involved in the recruitment of the ESCRT-III complex. Its ability to bind ubiquitin probably plays a role in endosomal sorting of ubiquitinated cargo proteins by ESCRT complexes. The ESCRT-II complex may also play a role in transcription regulation, possibly via its interaction with ELL. Binds phosphoinositides such as PtdIns(3,4,5)P3.

Molecular Weight: 43.8 kDa

UniProt: [Q86VN1](#)

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.

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
