

Datasheet for ABIN7545075
VPS45 Protein (AA 1-570) (His tag)



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Overview

Quantity:	1 mg
Target:	VPS45
Protein Characteristics:	AA 1-570
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VPS45 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant VPS45 Protein expressed in mammalian cells.
Sequence:	<p>MNVVFAVKQY ISKMIEDSGP GMKVLLMDKE TTGIVSMVYT QSEILQKEVY LFERIDSQNR EIMKHLKAIC FLRPTKENVD YIIQELRRPK YTIYFIYFSN VISKSDVKSL AEADEQEVVA EVQEFYGDYI AVNPHLFSLN ILGCCQGRNW DPAQLSRTTQ GLTALLLSLK KCPMIRYQLS SEAAKRLAEC VKQVITKEYE LFEFRRTEVP PLLLILDRCD DAITPLLNQW TYQAMVHELL GINNNRIDLS RVPGISKDLR EVVLSAENDE FYANNMYLNF AEIGSNIKNL MEDFQKKKPK EQQKLESIAD MKAFVENYPQ FKKMSGTVSK HVTVVGELSR LVSERNLLEV SEVEQELACQ NDHSSALQNI KRLLQNPKVT EFDAARLVML YALHYERHSS NSLPGLMMDL RNKGVSEKYR KLVSAVVEYG GKRVRGSDLF SPKDAVAITK QFLKGLKGVE NVYTQHQPFL HETLDHLIKG RLKENLYPYL GPSTLRDRPQ DIIVFVIGGA TYEEALTVYN LNRTTPGVRI VLGTTVHNT KSFLEEVLAS GLHSRSKESQVTSRSASRR</p> <p>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</p>

Product Details

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.
- 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: VPS45

Alternative Name: VPS45 ([VPS45 Products](#))

Background: Vacuolar protein sorting-associated protein 45 (h-VPS45) (hVps45),FUNCTION: May play a role in vesicle-mediated protein trafficking from the Golgi stack through the trans-Golgi network.

Molecular Weight: 65.1 kDa

UniProt: [Q9NRW7](#)

Pathways: [Transition Metal Ion Homeostasis, Synaptic Vesicle Exocytosis](#)

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
