

Datasheet for ABIN7564341 VIPAR Protein (AA 1-491) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	VIPAR
Protein Characteristics:	AA 1-491
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VIPAR protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Vipar39 Protein expressed in mammalian cells.
Sequence:	<p>MNRTKGDEEE YWNSSKFKA TFDDEDELS QLKESKRAVN SLRDIVDDDD DDDLERSVSWT GEPVGSISWS IKETAGSSGS TPEGREQLKG RNSFYTLQPK PPSTYSLSSF FRGRTRPGSF QSLSDALSDT PAKSYAPELG RPKGEYRDYS NDWSLSDTVQ RLRRGKVC SLERFSLQDKL QLLEEAVSMH DGNVITAVLI FLKRTLSKEI LFRELEVRQV ALRHLIHFLK EIGDQKLLLD LFRFLDRAEE LALSHYREHL NIQDPEKRKE FLKTCIGLPF SAEDAAHVQD HYTLLEKQII IEANDRHLES SGQTDIFRKH PRKASILNMP LVTTLFYACF YHYTESEGTF SSPINLKKTF KIPDKQYVLT ALAARAKLRA WNDVDALFTT KNWLGYTCCR APIGFHRVVE ILHKNSAPVQ ILQEYVNLVE DVDTKLNLAT KFKCHDVVID TCRDLKDRQQ LLAYRSKVDK GSAAEEKIDA ILSSSQIRWK N</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 contact us.</p>

Product Details

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, Western Blot

Grade:

custom-made

Target Details

Target:

VIPAR

Alternative Name:

Vipas39 ([VIPAR Products](#))

Background:

Spermatogenesis-defective protein 39 homolog (hSPE-39) (VPS33B-interacting protein in apical-basolateral polarity regulator) (VPS33B-interacting protein in polarity and apical restriction),FUNCTION: Proposed to be involved in endosomal maturation implicating in part VPS33B. In epithelial cells, the VPS33B:VIPAS39 complex may play a role in the apical RAB11A-dependent recycling pathway and in the maintenance of the apical-basolateral polarity (PubMed:20190753). May play a role in lysosomal trafficking, probably via association with the core HOPS complex in a discrete population of endosomes, the functions seems to be independent of VPS33B (By similarity). May play a role in vesicular trafficking during spermatogenesis (By similarity). May be involved in direct or indirect transcriptional regulation of E-cadherin. {ECO:0000250|UniProtKB:Q23288, ECO:0000250|UniProtKB:Q9H9C1, ECO:0000269|PubMed:20190753}.

Molecular Weight:

56.6 kDa

UniProt:

[Q8BGQ1](#)

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