

Datasheet for ABIN7590699

**VAC14 Protein (AA 1-783) (His tag)**[Go to Product page](#)

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 100 µg                                       |
| Target:                       | VAC14  |
| Protein Characteristics:      | AA 1-783                                     |
| Origin:                       | Rat  |
| Source:                       | Yeast  |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This VAC14 protein is labelled with His tag. |
| Application:                  | ELISA  |

## Product Details

|           |  |
|-----------|--|
| Sequence: | MNPEKDFAPL TPNIVRALND KLYEKRKVAA LEIEKLVRDF VAQNNTVQIK HVIQTLSQEF<br>ALSQHPHSRK GGLIGLAACS IALGKDSGLY LKELIEPVLT CFNDADSRLR YYACEALYNI<br>VKVARGAVLP HFNVLFDGLS KLAADPDPNV KSGSELLDRL LKDIVTESSK FDLVGFIPLL<br>RERIYSNNQY ARQFIISWIL VLVSVPDINL LDYLPEILDG LFQILGDNGK EIRKMCEVVL<br>GEFLKEIKKN PSSVKFAEMA NILVIHCQTT DDLIQLTAMC WMREFIQLAG RVMLPYSSGI<br>LTAVLPCLAY DDRKKSIEV ANVCNQSLMK LVTPEDDEPD EPKSVAQKQT EPNPEDSLPK<br>QEGTASGGAS GPCDSSFGSG ISVFTSASTD RAPVTLHLDG IVQVLNCHLS DTTIGMMTRI<br>AVLKWLYHLY IKTPRKMFRH TDSLFPILLQ TLSDESDEVV LKDLEVLA EI ASSPAGQTDD<br>PGAPDGPDLQ VNHSELQVPT SGRANLLNPP NTKGLECSPS TPTMNSYFYK FMINLLQTFS<br>SERKLEARG PFIRQLCLL LNAENIFHSM ADILLREEDL KFASTMVHTL NTILLTSTEL<br>FQLRNQLKDL KTLESQNLFC CLYRSWCHNP VTTVSLCFLT QNYRHAYDLI QKFGDLEVTV<br>DFLTEVDKLV QLIECPIFTY LRLQLLDVKN NPYLMKALYG LLMLLPQSSA FQLLSHRLQC |
|-----------|--|

## Product Details

VPNPELLQTE DCLKAAPKSQ KGDSPSIDYT ELLQHFEKVQ KQHLEVRHQR SGRGDHLDRR VVL

Specificity: Rattus norvegicus (Rat)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: VAC14

Alternative Name: Protein VAC14 homolog (Vac14) ([VAC14 Products](#))

Background: Recommended name: Protein VAC14 homolog

UniProt: [Q80W92](#)

Pathways: [Inositol Metabolic Process](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

## Handling

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one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.