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Datasheet for ABIN1678350 VAC14 Protein (AA 1-783) (His tag)



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Quantity:	1 mg
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
	ALSQHPHSRK GGLIGLAACS IALGKDSGLY LKELIEPVLT CFNDADSRLR YYACEALYNI
	VKVARGAVLP HFNVLFDGLS KLAADPDPNV KSGSELLDRL LKDIVTESSK FDLVGFIPLL
	RERIYSNNQY ARQFIISWIL VLVSVPDINL LDYLPEILDG LFQILGDNGK EIRKMCEVVL
	GEFLKEIKKN PSSVKFAEMA NILVIHCQTT DDLIQLTAMC WMREFIQLAG RVMLPYSSGI
	LTAVLPCLAY DDRKKSIKEV ANVCNQSLMK LVTPEDDEPD EPKSVAQKQT EPNPEDSLPK
	QEGTASGGAS GPCDSSFGSG ISVFTSASTD RAPVTLHLDG IVQVLNCHLS DTTIGMMTRI
	AVLKWLYHLY IKTPRKMFRH TDSLFPILLQ TLSDESDEVV LKDLEVLAEI ASSPAGQTDD
	PGAPDGPDLQ VNHSELQVPT SGRANLLNPP NTKGLECSPS TPTMNSYFYK FMINLLQTFS
	SERKLLEARG PFIIRQLCLL LNAENIFHSM ADILLREEDL KFASTMVHTL NTILLTSTEL
	FQLRNQLKDL KTLESQNLFC CLYRSWCHNP VTTVSLCFLT QNYRHAYDLI QKFGDLEVTV
	DFLTEVDKLV QLIECPIFTY LRLQLLDVKN NPYLMKALYG LLMLLPQSSA FQLLSHRLQC

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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, mammalien 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 modificated 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

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