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Datasheet for ABIN1475475 VPS45 Protein (AA 1-570) (His tag)



Overview	
Overview	

Quantity:	1 mg
Target:	VPS45
Protein Characteristics:	AA 1-570
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This VPS45 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNVVFAVKQY ISKMIEDSGP GMKVLLMDKE TTGIVSMVYT QSEILQKEVY LFERIDSQNR
	EIMKHLKAIC FLRPTKENVD SLIQELRRPK YSIYFIYFSN VISKSDVKSL AEADEQEVVA
	EVQEFYGDYI AVNPHLFSLN ILGCCQGRNW DPAQLSRTTQ GLTALLLSLK KCPMIRYQLS
	SEAAKRLGEC VKQVISKEYE LFEFRRTEVP PLLLILDRCD DAITPLLNQW TYQAMVHELL
	GINNNRIDLS RVPGISKDLR EVVLSAENDE FYANNMYLNF AEIGSNIKNL MEDFQKKRPK
	EQQKLESIAD MKAFVENYPQ FKKMSGTVSK HVTVVGELSR LVSERNLLEV SEVEQELACQ
	NDHSSALQNV KRLLQNPKVT EFDAVRLVML YALHYERHSS NSLPGLIVDL RSKGVAEKYR
	KLVSAVVEYG GKRVRGSDLF SPKDAVAITK QFLKGLKGVE NVYTQHQPFL HETLDHLIKG
	KLKENLYPYL GPSTLRDRPQ DIIVFVIGGA TYEEALTVYN LNRTTPGVRI VLGGTTIHNT
	KSFLEEVLAS GLHSRSRESS QATSRSASRR
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

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Product Details	
	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %
Target Details	
Target:	VPS45
Alternative Name:	Vacuolar protein sorting-associated protein 45 (Vps45) (VPS45 Products)
Background:	Recommended name: Vacuolar protein sorting-associated protein 45. Short name= rVps45
UniProt:	008700
Pathways:	Transition Metal Ion Homeostasis, Synaptic Vesicle Exocytosis
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 one week
Storage:	-20 °C

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

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