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Datasheet for ABIN7585349
NUP50 Protein (AA 1-467) (His tag)

Overview

Quantity:	100 µg
Target:	NUP50
Protein Characteristics:	AA 1-467
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUP50 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAKRVAEKEL TDRNWDEEDE VEEMGTFSVA SEEVMKNRAV KKAKRRNIGF ESDSGGAFKG FKGLVPSGG GGFSGFGGGS GGKPLEGLTN GNSTDSATPF SSAKTA AEPK AAFGSFAVNG PTTLVDKKIS SPKCNSSNQP PSSGPASSTS CTGNTYHKQL AGLNCSVRDW IVKHVNTNPL CDLTPIFKDY ERYLATIEKQ LENGSSSSSE RQTDRATAAM EPPSLFGSTK LQQDSPFSFH GNKAEDTSEK LEFTAEKSD AAQATSASF NFGKKESSV LGSLSGSLT GFSFSPGNSS LFGKDAQSK AASSPFSKA SESQAGSSS ECRDGEES DEPPKVVVTE VKEEDAFYSK KCKLFYKKN EFKEKGVGTL HLKPTATQKT QLLVRADTNL GNILLNLIP PNMPCTRTGK NNVLIVCPN PPLDEKQPTL PVTMLIRVKT SEADELHKI LLQKKDV
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.

Product Details

Purity: > 90 %

Target Details

Target: NUP50

Alternative Name: Nuclear pore complex protein Nup50 (Nup50) ([NUP50 Products](#))

Background: Recommended name: Nuclear pore complex protein Nup50.
Alternative name(s): 50 kDa nucleoporin Nuclear pore-associated protein 60 kDa-like
Nucleoporin Nup50

UniProt: [008587](#)

Pathways: [Tube Formation](#)

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 modiflicated 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

Handling

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