Datasheet for ABIN7584148

DOC2B Protein (AA 1-412) (His tag)

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Overview

Quantity:	100 µg
Target:	DOC2B
Protein Characteristics:	AA 1-412
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DOC2B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTLRRRGEKA TISIQEHMAI DVCPGPIRPI KQISDYFPRF PRGLPPTAAP RASAPPDAPA RSPAATAGPR SPSDGARDDD EDVDQLFGAY GASPGPSPGP SPVRPPAKPP EDEPDADGYE SDDCTALGTL DFSLLYDQEN NALHCTISKA KGLKPMDHNG LADPYVKLHL LPGASKANKL RTKTLRNTLN PSWNETLTYY GITDEDMIRK TLRISVCDED KFRHNEFIGE TRVPLKKLKP NHTKTFSICL EKQLPVDKAE DKSLEERGRI LISLKYSSQK QGLLVGIVRC AHLAAMDANG YSDPYVKTYL KPDVDKKSKH KTAVKKKTLN PEFNEEFCYE IKHGDLAKKT LEVTVWDYDI GKSNDFIGGV VLGINAKGER LKHWFDCLKN KDKRIERWHT LTNEIPGAVL SD
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:	DOC2B
Alternative Name:	Double C2-like domain-containing protein beta (Doc2b) (DOC2B Products)
Background:	Recommended name: Double C2-like domain-containing protein beta. Short name= Doc2-beta
UniProt:	P70610
Pathways:	Positive Regulation of Peptide Hormone Secretion

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