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Datasheet for ABIN1617859

PRUNE2 Protein (AA 1-316) (His tag)

Overview

Quantity:	1 mg
Target:	PRUNE2
Protein Characteristics:	AA 1-316
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRUNE2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDIPLDAAEI RPEPPNSLDL NGSSTRKIKL TAPNINLSLD HSEGSILSDD NLDTPDELDI NVDDLDTPE ADSFDYTGQD DQPALGEAVQ EDFESIQEYT AEEERADNRL WRTVVIGEQE QRIDMKVIEP YKKVISHGGY YGEGVNAIIV FAACFLPDSS RPDYNYVMEN LFLYVISTLE LMVAEDYMOVV YLNGATPRRK MPGLGWMKKC YQMIDRRLRK NLKSFIIVHP SWFIRTILAL TRPFISSKFS SKIKYVSTLA ELSELIPMEY VHIPETIVKL DEELRESESP KAGCLPNEPE MNTLEEEFEN KMGDND
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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:	PRUNE2
Alternative Name:	Protein prune homolog 2 (Prune2) (PRUNE2 Products)
Background:	Recommended name: Protein prune homolog 2. Alternative name(s): BNIP2 motif-containing molecule at the C-terminal region 1
UniProt:	Q0IHU9

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