

Datasheet for ABIN7585373
OGN Protein (AA 20-299) (His tag)



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Overview

Quantity:	100 µg
Target:	OGN
Protein Characteristics:	AA 20-299
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This OGN protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	A PPSQQDSRII YDYGTDNLEE TFFSQDYEDK YLDGKSTKEK ETMIIVPDEK SFQLQKDENI TPLPPKKEND EMPTCLLCVC LSGSVYCEEV DIDAVPPLPK ESAYLYARFN KIKKLTAKDF ADIPNLRRLD FTGNLIEDIE DGTFSKLSLL EELTLAENQL LKLPVLPPKL TLFNAKYNKI KSRGIKANTF KKLHNLSFLY LDHNALESVP LNPESLRVI HLQFNNITSI TDDTFCKAND TSYIRDRIEE IRLEGNPVIL GKHPNSFICL KRLPIGSYI
Specificity:	Bos taurus (Bovine)
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:	OGN
Alternative Name:	Mimecan (OGN) (OGN Products)
Background:	Recommended name: Mimecan. Alternative name(s): Osteoglycin Cleaved into the following 2 chains: 1. Corneal keratan sulfate proteoglycan 25 core protein. Short name= 2. KSPG25 protein 3. Osteoinductive factor. Short name= 4. OIF
UniProt:	P19879
Pathways:	Glycosaminoglycan 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 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

Handling

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