Datasheet for ABIN1474230

COMP Protein (AA 20-755) (His tag)

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Overview

Quantity:	1 mg
Target:	COMP
Protein Characteristics:	AA 20-755
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This COMP protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	Q GQIPLGGDLA PQMLRELQET NAALQDVREL LRHRVKEITF LKNTVMECDA CGMQPARTPG LSVRPVALCA PGSCFPGVVC TETATGARCG PCPPGYTGNG SHCTDVNECN AHPCFPRVRC INTSPGFHCE ACPPGFSGPT HEGVGLTFAK TNKQVCTDIN ECETGQHNCV PNSVCVNTRG SFQCGPCQPG FVGDQRSGCQ RRGQHFCPDG SPSPCHEKAD CILERDGSRS CVCAVGWAGN GLLCGRDTDL DGFPDEKLRC SERQCRKDNC VTVPNSGQED VDRDRIGDAC DPDADGDGVP NEQDNCPLVR NPDQRNSDKD KWGDACDNCR SQKNDDQKDT DRDGQGDACD DDIDGDRIRN VADNCPRVPN FDQSDSDGDG VGDACDNCPQ KDNPDQRDVD HDFVGDACDS DQDQDGDGHQ DSRDNCPTVP NSAQQDSDHD GKGDACDDDD DNDGVPDSRD NCRLVPNPGQ EDNDRDGVGD ACQGDFDADK VIDKIDVCPE NAEVTLTDFR AFQTVVLDPE GDAQIDPNWV VLNQGMEIVQ TMNSDPGLAV GYTAFNGVDF EGTFHVNTAT DDDYAGFIFG YQDSSSFYVV MWKQMEQTYW QANPFRAVAE PGIQLKAVKS STGPGEQLRN ALWHTGDTAS QVRLLWKDPR NVGWKDKTSY RWFLQHRPQV GYIRVRFYEG PELVADSNVV LDTAMRGGRL GVFCFSQENI IWANLRYRCN

Product Details

	DTIPEDYERH RLRRA
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:	COMP
Abstract:	COMP Products
Background:	Recommended name: Cartilage oligomeric matrix protein. Short name= COMP
UniProt:	P35444

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

Handling

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