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Datasheet for ABIN1459841
CHI3L1 Protein (AA 22-383) (His tag)

Overview

Quantity:	1 mg
Target:	CHI3L1
Protein Characteristics:	AA 22-383
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHI3L1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	YKLCYYTS WSQYREGDGS CFPDAIDPFL CTHVIYSFAN ISNNEIDTWE WNDVTLYDTL NTLKNRNP NL KTL LSVGGWN FGSQRFSKIA SKTQSRRTFI KSVPPFLRTH GFDGLDLAWL YPGWRDKRHL TTLVKEMKAE FVREAQAGTE QLLLSAAVPA GKIAIDRGYD IAQISRHLDF ISLLTYDFHG AWRQTVGHHS PLFRGQEDAS SDRFSNADYA VSYMLRLGAP ANKLVMGIPT FGRSYTLASS KTDVGAPISG PGIPGQFTKE KGILAYYEIC DFLHGATTHR FRDQQVPYAT KGNQWVAYDD QESVKNKARY LKNRQLAGAM VWALDLDLDFR GTFCGQNLTF PLTSAIKDVL ARV
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:	CHI3L1
Alternative Name:	Chitinase-3-like protein 1 (CHI3L1) (CHI3L1 Products)
Target Type:	Viral Protein
Background:	Recommended name: Chitinase-3-like protein 1. Alternative name(s): 39 kDa whey protein Cartilage glycoprotein 39. Short name= CGP-39. Short name= GP-39 Chitinase-like protein 1. Short name= CLP-1 SPC-40 Signal-processing protein
UniProt:	P30922

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.