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Datasheet for ABIN1631716

COLEC12 Protein (AA 59-742) (His tag)

Overview

Quantity:	1 mg
Target:	COLEC12
Protein Characteristics:	AA 59-742
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This COLEC12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>YK VVEKMDTVTD GMETSRQTYD NKLIAVESDL KKLGDQTGKK ALSTNSELST FRSDILDLRQ</p> <p>QLQEITEKTS KNKDMLEKLQ ANGDSLVDRLQ SQLKETLQNN SFLITTVNKT LQAYNGYVTN</p> <p>LQQDTSVLQG NLQSQMYSQN VVIMNLLNNLN LTQVQQRNLI TNLQRSVDDT SLAIQIKND</p> <p>FQNLQQVFLQ AKKDTDWLKE KVQSLQTLAA NNSALAKANN DTLEDMMNQL SSFTGQMDNI</p> <p>TTISQANEQS MKDLQDLHKD TENRTAVKFS QLEERFQVFE TDIVNIINNI SYTAHHLRTL</p> <p>TSNLNDVRTT CDTLTRLRHTD DLTSLNNTLV NIRLDSISLR MQQDMMRSRL DTEVANLSVV</p> <p>MEEMKLVDSK HGQLIKNFTI LQGPPGPRGP KGDRGSQGPP GPTGNKGQKG EKGEPPGPPG</p> <p>AGERGTIGPV GPPGERGSKG SKGSQGPKGS RGSPGKPGPQ GPSGDPGPPG PPGKDGLPGP</p> <p>QGPPGFQGLQ GTVGEPGVPG PRGLPGLPGV PGMPGPKGPP GPPGPSGAME PLALQNEPTP</p> <p>ASEVNGCPPH WKNFTDKCYY FSVEKEIFED AKLFCEDKSS HLVFINSREE QQWIKKQTMG</p> <p>RESHWIGLTD SEQSEWKWL DGTPVDYKNW KAGQPDNWS GHGPGEDCAG LIYAGQWADF</p> <p>QCDEINNFIC EKEREAVPSS IL</p>
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Product Details

Specificity:	Rattus norvegicus (Rat)
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:	COLEC12
Alternative Name:	Collectin-12 (Colec12) (COLEC12 Products)
Background:	Recommended name: Collectin-12. Alternative name(s): Collectin placenta protein 1. Short name= CL-P1 Nurse cell scavenger receptor 2
UniProt:	Q4V885
Pathways:	Activation of Innate immune Response

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

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.