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Datasheet for ABIN1626730

GALNS Protein (AA 26-522) (His tag)

Overview

Quantity:	1 mg
Target:	GALNS
Protein Characteristics:	AA 26-522
Origin:	Dog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GALNS protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>APQPP NILLLLMDDM GWGDLGIYGE PSRETPNLDR MAAEGMLFPS FYSANPLCSP</p> <p>SRAALLTGRL PIRNGFYTTN RHARNAYTPQ EIVGGIPDQE HVLPELLKEA GYVSKIVGKW</p> <p>HLGHRPQFHP LKHGFDEWFG SPNCHFGPYD NRARNIPVY RDWEMVGRYY EEFINLKTG</p> <p>EANLTQVYLQ EALDFIKRQQ AAQRPFFLYW AIDATHAPVY ASRPFLGTSQ RGRYGDVRE</p> <p>IDNSVGKILS LLQDLRISEN TFVFFTSNNG AALISAPNQG GSNGPFLCGK QTTFEGGMRE</p> <p>PAIAWWPGRI PAGRVSHQLG SIMDLFTTSL SLAGLAPPSD RVIDGLDLLP AMLGGQLTDR</p> <p>PIFYRGRDTL MAVTLGQYKA HFWTWTNSWE EFRQGIDFCP GQNVSGVTTH TQEEHTKLPL</p> <p>IFHLGRDPGE RFPLSFASTE YLDVLQRVTP VVQQHQKTLV PGQPQLNVCD RAVMNWAPPG</p> <p>CEKLGKCLTP PESTPKKCSW PH</p>
Specificity:	Canis familiaris (Dog) (Canis lupus familiaris)
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.

Product Details

Purity: > 90 %

Target Details

Target: GALNS

Alternative Name: N-acetylgalactosamine-6-sulfatase (GALNS) ([GALNS Products](#))

Background: Recommended name: N-acetylgalactosamine-6-sulfatase.
EC= 3.1.6.4.
Alternative name(s): Chondroitinsulfatase.
Short name= Chondroitinase Galactose-6-sulfate sulfatase N-acetylgalactosamine-6-sulfate sulfatase.
Short name= GalNAc6S sulfatase

UniProt: [Q32KH5](#)

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

Handling

one week

Storage: -20 °C

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