Datasheet for ABIN7588796

GALNS Protein (AA 28-524) (His tag)

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Overview

Quantity:	100 µg
Target:	GALNS
Protein Characteristics:	AA 28-524
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GALNS protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	APQ PPNIVLLLMD DMGWGDLGVY GEPSRETPNL DRMAAEGMLF PSFYSANPLC SPSRAALLTG RLPIRNGFYT TNAHARNAYT PQEIMGGIPN SEHLLPELLK KAGYTNKIVG KWHLGHRPQF HPLKHGFDEW FGSPNCHFGP YDNKVKPNIP VYRDWEMVGR FYEEFPINLK TGEANLTQLY LQEALDFIRT QHARQSPFFL YWAIDATHAP VYASKQFLGT SLRGRYGDAV REIDDSVGKI LSLLQNLGIS KNTFVFFTSD NGAALISAPK EGGSNGPFLC GKQTTFEGGM REPAIAWWPG HIAAGQVSHQ LGSIMDLFTT SLSLAGLKPP SDRVIDGLDL LPTMLQGHII DRPIFYYRGN TLMAVTLGQY KAHLWTWTNS WEEFRQGIDF CPGQNVSGVT THTQEEHTEL PLIFHLGRDP GERFPLRFTS NEYQDALSRT TQVIQQHQKS LVPGQPQLNV CNQAVMNWAP PGCEKLGKCL TPPESVPEKC FWAH
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.

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:	Q32KJ6
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 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.

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