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Datasheet for ABIN1475049
ST3GAL6 Protein (AA 1-331) (His tag)

Overview

Quantity:	1 mg
Target:	ST3GAL6
Protein Characteristics:	AA 1-331
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST3GAL6 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKGYVVAIFL SSIFLYYVLY CILWGTNGYW FPNEEMKSKN NVKNCFKKPA FASLLRFPQF YPFLCKADFV KVAATYGTNN FLLPYGVKTF ESYFRSGLSK LQSCDLVGQF DTPCKRCVV VGNGGV LKNK TLGAKIDSVD VIIRMNNGPV LGHEEEVGKR TTFRLFYPES VFSDP SHYDP NTTAVLVVFK PQDLRWLMEI LIGKKINTDG FWKKPALKLI YKQYQIRILD PYIIREAAFQ LLRFPRVFPK DQKPKHPTTG IIALTLAFHI CSEVHLAGFK YNFYTPDSPL HYYGNATMSL MKKNAYHNLT AEQLFLKNLI KKKMVINLTQ N
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:	ST3GAL6
Alternative Name:	Type 2 lactosamine alpha-2,3-sialyltransferase (St3gal6) (ST3GAL6 Products)
Background:	Recommended name: Type 2 lactosamine alpha-2,3-sialyltransferase. EC= 2.4.99.-. Alternative name(s): CMP-NeuAc:beta-galactoside alpha-2,3-sialyltransferase VI ST3Gal VI. Short name= ST3GalVI Sialyltransferase 10
UniProt:	P61943
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 one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.