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Datasheet for ABIN1474909
ST3GAL4 Protein (AA 1-333) (His tag)

Overview

Quantity:	1 mg
Target:	ST3GAL4
Protein Characteristics:	AA 1-333
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST3GAL4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTSKSHWKLL ALALVLVVM VWYSISREDR YIEFFYFPVS EKKEPCFQGE AERQASKIFG NHSREQIFL QLKDYFWVKT PSAYELPFGT KGSEDLRLV LAITSYSIPE SIQSLECRRC VVGNGHRLK NSSLGGVINK YDVVIRLNNV PVAGYEGDVG SKTTIRLFYP ESAHFDPKIE NNPDTLLVLV AFKAMDFHWI ETILSDKKRV RKGFWKQPPL IWDVNPQIR ILNPFMEIA ADKLLSLPIQ QPRKIKQKPT TGLLAITLAL HLCDLVHIAG FGYPDAYNKK QTIHYEQIT LKSMAGSGHN VSQEAVAIAKR MLEMGAVKNL TYF
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:	ST3GAL4
Alternative Name:	CMP-N-acetylneuraminase-beta-galactosamide-alpha-2,3-sialyltransferase 4 (St3gal4) (ST3GAL4 Products)
Background:	<p>Recommended name: CMP-N-acetylneuraminase-beta-galactosamide-alpha-2,3-sialyltransferase 4.</p> <p>Short name= Alpha 2,3-ST 4.</p> <p>Short name= Beta-galactoside alpha-2,3-sialyltransferase 4.</p> <p>EC= 2.4.99.-.</p> <p>Alternative name(s): Alpha 2,3-sialyltransferase IV Gal-beta-1,4-GalNAc-alpha-2,3-sialyltransferase ST3Gal IV.</p> <p>Short name= ST3GalIV Sialyltransferase 4C.</p> <p>Short name= SIAT4-C</p>
UniProt:	P61131
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Comment:	<p>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.</p>
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.