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Datasheet for ABIN1674234
ST3GAL2 Protein (AA 1-350) (His tag)

Overview

Quantity:	1 mg
Target:	ST3GAL2
Protein Characteristics:	AA 1-350
Origin:	Chimpanzee
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST3GAL2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKCSLRVWFL SVAFLLVFIM SLLFTYSHHS MATLPYLD SG ALDGTHR VKL VPGYAGLQRL SKERLSGKSC ACRRCMGDAG ASDWFDSHFD GNISPVWTRE NMDLPPDVQR WWMMLQPQFK SHNTNEVLEK LFQIVGENP YRFRDPHQCR RCAVVGNSGN LRGSGYGQDV DGHNFIMRMN QAPTVGFEQD VGSRTTHHFM YPESAKNLPA NVSFVLV PFK ALDLLWIASA LSTGQIRFTY APVKSFLRVD KEKVQIYNPA FFKYIHDRWT EHHGRYPSTG MLVLFFALHV CDEVNVYGF G ADSRGNWVHHY WENNR YAGEF RKTGVHDADF EVHIIDMLAK ASKIEVYGGN
Specificity:	Pan troglodytes (Chimpanzee)
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:	ST3GAL2
Alternative Name:	CMP-N-acetylneuraminat-beta-galactosamide-alpha-2,3-sialyltransferase 2 (ST3GAL2) (ST3GAL2 Products)
Background:	Recommended name: CMP-N-acetylneuraminat-beta-galactosamide-alpha-2,3-sialyltransferase 2. Short name= Alpha 2,3-ST 2. Short name= Beta-galactoside alpha-2,3-sialyltransferase 2. EC= 2.4.99.4. Alternative name(s): Gal-NAc6S Gal-beta-1,3-GalNAc-alpha-2,3-sialyltransferase ST3Gal II. Short name= ST3GalII ST3GalA.2 Sialyltransferase 4B. Short name= SIAT4-B
UniProt:	Q6KB58
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 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 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.