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Datasheet for ABIN1666029
ST3GAL3 Protein (AA 1-375) (His tag)

Overview

Quantity:	1 mg
Target:	ST3GAL3
Protein Characteristics:	AA 1-375
Origin:	Chimpanzee
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST3GAL3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGLLVFVRNL LLALCLFLVL GFLYYSAWKL HLLQWEEDSN SVLSFDSAG QTLGSEYDRL GFLNLDSKL PAELATKYAN FSEGACKPGY ASALMTAIFP RFSKPAPMFL DDSFRKWARI REFVPPFGIK GQDNLIKAIL SVTKEYRLTP ALDSLRCRRC IIVGNNGVLA NKSLGSRIDD YDIVVRLNSA PVKGFEDVVG SKTTLRITYP EGAMQRPEQY ERDSLFLVLAG FKWQDFKWLK YIVYKERVSA SDGFWKSVAT RVPKEPPEIR ILNPYFIQEA AFTLIGLFPN NGLMGRGNIP TLGSAVATMA LHGCDEVAVA GFGYDMSTPN APLHYETVR MAAIKESWITH NIQREKEFLR KLVKARVITD LSSGI
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:	ST3GAL3
Alternative Name:	CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase (ST3GAL3) (ST3GAL3 Products)
Background:	<p>Recommended name: CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase.</p> <p>EC= 2.4.99.6.</p> <p>Alternative name(s): Beta-galactoside alpha-2,3-sialyltransferase 3.</p> <p>Short name= Alpha 2,3-ST 3 Gal beta-1,3(4) GlcNAc alpha-2,3 sialyltransferase N-acetyllactosaminide alpha-2,3-sialyltransferase ST3Gal III.</p> <p>Short name= ST3GalIII ST3N Sialyltransferase 6</p>
UniProt:	P61132
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 Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage: -20 °C

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