

Datasheet for ABIN1638543

## HS6ST1 Protein (AA 1-401) (His tag)



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### Overview

Quantity:	1 mg
Target:	HS6ST1
Protein Characteristics:	AA 1-401
Origin:	Chinese Hamster
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HS6ST1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MVERASKFVL VVAGSACFML ILYQYAGPGL SLGAPGGRAP PDDLDFPTP DPHYEKKYYF</p> <p>PVRELERSLR FDMKGDDVIV FLHIQKTGGT TFGRHLVQNV RLEVPCDCRP GQKKCTCYRP</p> <p>NRRETWLFSS FSTGWSCGLH ADWTELTNCV PGVLDRRDPA GLRSPRKFFY ITLLRDPVSR</p> <p>YLSEWRHVQR GATWKTSLHM CDGRTPTPEE LPPCYEGTDW SGCTLQEFMD CPYNLANNRQ</p> <p>VRMLADLSLV GCYNLSFIPE SKRAQLLLES AKKNLRGMAF FGLTEFQRKT QYLFERTFNL</p> <p>KFIRPFMQYN STRAGGVEVD EDTIRHIEEL NDLDMLYDY AKDLFQQRYQ YKQQLERREQ</p> <p>RLRNREERLL HRSKEALPRE DTEEPGRVPT EDYMSHIEK W</p>
Specificity:	Cricetulus griseus (Chinese hamster) (Cricetulus barabensis griseus)
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:	HS6ST1
Alternative Name:	Heparan-sulfate 6-O-sulfotransferase 1 (HS6ST1) ( <a href="#">HS6ST1 Products</a> )
Background:	Recommended name: Heparan-sulfate 6-O-sulfotransferase 1. Short name= HS6ST-1. EC= 2.8.2.-
UniProt:	<a href="#">Q91ZB4</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

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