

## Datasheet for ABIN1591384 GOT1 Protein (AA 1-393) (His tag)



Overview Quantity: 1 mg Target: GOT1 Protein Characteristics: AA 1-393 Bacillus subtilis Origin: Yeast Source: Protein Type: Recombinant Purification tag / Conjugate: This GOT1 protein is labelled with His tag. Application: ELISA Product Details Sequence: MKLAGLSREV EENLNKGSWI RKLFDEGARL KKEFGEDQVF DFSLGNPIVE PPEAFKRALI EEAEKGSHGY IQNQGLLAAR EKVAQFLGSR FEADFSAERI VMTVGAGGAL NVALKSIVNP GEEVIILAPY FAEYKLYIEN YGGKAVSCPL TSRFEIDIEA VRQSITPQTK GLILNTPHNP TGTVLSQKNI DDLGALLKEI EEKSGQTIYV LFDEPYSQLI YDEELANPFQ SYHRVILASS FSKDLGIAGE RLGYIGLDSR MPDADLLINA FVYCNRTLGF VNAPVMMQRA VARMDDLRVD ASAYKERRDL MVDILKEAGF EFEMPKGGFF VFPKSPIEDE VAFCVHAAQK YKLLIVPSSG FGMSGHFRLS FSVPIEQIKN SRDIFISLYK DFA Specificity: Bacillus subtilis (strain 168) Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time. > 90 % Purity:

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## Target Details

Target:	GOT1
Alternative Name:	Putative aspartate aminotransferase YhdR (yhdR) (GOT1 Products)
Background:	Recommended name: Putative aspartate aminotransferase YhdR.
	Short name= AspAT.
	EC= 2.6.1.1.
	Alternative name(s): Transaminase A
UniProt:	007587
Pathways:	Hepatitis C, Monocarboxylic Acid Catabolic Process, Methionine Biosynthetic 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 modificated 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.

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