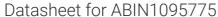
antibodies -online.com





TALDO1 Protein (AA 9-337, partial) (GST tag)



Image

2

Publications



Go to Product page

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	IV/E	۱/۱۲	$I \cap V$

Quantity:	100 μg
Target:	TALD01
Protein Characteristics:	AA 9-337, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TALDO1 protein is labelled with GST tag.
Application:	ELISA

Product Details	
Sequence:	QRMESALDQL KQFTTVVADT GDFHAIDEYK PQDATTNPSL ILAAAQMPAY QELVEEAIAY
	GRKLGGSQED QIKNAIDKLF VLFGAEILKK IPGRVSTEVD ARLSFDKDAM VARARRLIEL
	YKEAGISKDR ILIKLSSTWE GIQAGKELEE QHGIHCNMTL LFSFAQAVAC AEAGVTLISP
	FVGRILDWHV ANTDKKSYEP LEDPGVKSVT KIYNYYKKFS YKTIVMGASF RNTGEIKALA
	GCDFLTISPK LLGELLQDNA KLVPVLSAKA AQASDLEKIH LDEKSFRWLH NEDQMAVEKL
	SDGIRKFAAD AVKLERMLTE RMFNAENGK
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.
Purity:	90 %

Target Details

Target:	TALDO1
Alternative Name:	Transaldolase protein (TALDO1 Products)
Background:	Transaldolase is important for the balance of metabolites in the pentose-phosphate pathway.
Molecular Weight:	64 kD
UniProt:	P37837

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

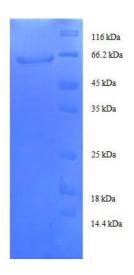
Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C

Publications

Product cited in:

Wu, Li, Xia, Tian, Kong, Wang, Gu, Zhang, Tu, Xie, Yang, Lu, Jiang, Ying: "Identification of Human Single-Domain Antibodies against SARS-CoV-2." in: **Cell host & microbe**, (2020) (PubMed).

Images



SDS-PAGE

Image 1. Transaldolase 1 (TALDO1) (AA 9-337), (partial) protein (GST tag)