

Datasheet for ABIN1654898

GALK1 Protein (AA 1-350) (His tag)



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Overview

Quantity:	1 mg
Target:	GALK1
Protein Characteristics:	AA 1-350
Origin:	Thermotoga petrophila
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GALK1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKVKAPGRIN IIGEHTDYND GYVLPFAVNR YVFLSIEGSD RFIFHSENVN ETVEMEKIEK LNKWTDYISG VIASFEKRGY RVSPVKISVS SNLPMGAGLS SSAALEVATA YAISEYFSFN VPKLELVKIA REAEVEFVG V RCGIMDQFTS AFGKKDHAIF LDTMTLEYEY VPLRLEGYEI NLVDSNVKHE LSSSEYNKRR QECEEVLKTL GKKSFFREVT EDLERLSGTL RKRAQHVL EE NERVLKSVQA LKEGDFETLG KLLFSSHESL RDLYEVSCEE TDFIVDYLRG KEGILGARMV GGGFGGGVIV LSKKGAFGKI KEELVESYKK HFGIDLTFHE IESSDGVQKI
Specificity:	Thermotoga petrophila (strain RKU-1 / ATCC BAA-488 / DSM 13995)
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:	GALK1
Alternative Name:	Galactokinase (galk) (GALK1 Products)
Background:	Recommended name: Galactokinase. EC= 2.7.1.6. Alternative name(s): Galactose kinase
UniProt:	A5IMZ6

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 modiflicated 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.