

Datasheet for ABIN1615879

GLYCTK Protein (AA 1-523) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	GLYCTK
Protein Characteristics:	AA 1-523
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLYCTK protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAAALQVLPC LLRAPSRPFL WGPPVARMST GMALAEQARQ LFDSAVGAVQ PGPMLQRTLS LDPSGKQLKV RDRTFQLQEN LYLVGFGKAV LGMAAADEL LGQHLVQGVI SVPKGIRAAV ELAGKQEMLL KPHSHIQVFE GAEDNLPDRD ALRAAQAIQ LAERLTADDL LLVLISGGGS ALLPAIPPV TLEEKQTLTK LLAARGATIQ ELNTIRKALS QLKGGGLAQ AYPQVVS LI LSDVIGDPLE VIASGPTVAS THSVQDCLHI LNHYGLRAAL PRSVKTVLSR ADSDPHGPHT CGHVLNVIIG SNSLALAE AQ RQAEVLGYHA MVLSTAMQGD VRRVAQFYGL LARVAAACLT SSTAERPLEE EAKLHQLAAE LQLPDLQLEE ALEAVAKAKG PVCLLAGGEP TVQLQGSGKG GRNQELALRV GAELGKQLPG PVDVFLSGG TDGQDGPTKV AGAWVMSDLV SQASAENLDF ATFLDNND SY TFFCSFQGGT HLLHTGLTGT NVMDVHLLVF HPQ
Specificity:	Rattus norvegicus (Rat)
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.

Product Details

Purity: > 90 %

Target Details

Target: GLYCTK

Abstract: [GLYCTK Products](#)

Background: Recommended name: Glycerate kinase.
EC= 2.7.1.31

UniProt: [Q0VGK3](#)

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.