Datasheet for ABIN5623664

FBP1 Protein (AA 1-338) (His tag)

Go to Product page

Overview

Quantity:	20 µg
Target:	FBP1
Protein Characteristics:	AA 1-338
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FBP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	1-338 aa: MGSSHHHHHH SSGLVPRGSH MADQAPFDTD VNTLTRFVME EGRKARGTGE LTQLLNSLCT AVKAISSAVR KAGIAHLYGI AGSTNVTGDQ VKKLDVLSND LVMNMLKSSF ATCVLVSEED KHAIIVEPEK RGKYVVCFDP LDGSSNIDCL VSVGTIFGIY RKKSTDEPSE KDALQPGRNL VAAGYALYGS ATMLVLAMDC GVNCFMLDPA IGEFILVDKD VKIKKKGKIY SLNEGYARDF DPAVTEYIQR KKFPPDNSAP YGARYVGSMV ADVHRTLVYG GIFLYPANKK SPNGKLRLLY ECNPMAYVME KAGGMATTGK EAVLDVIPTD IHQRAPVILG SPDDVLEFLK VYEKHSAQ
Characteristics:	Purified Recombinant FBP1 protein (His tagged)
Purification:	Purified
Purity:	> 90 % pure

Product Details

Biological Activity Comment:	Specific activity is > 7,000 pmol/min/ug obtained by measuring the increase of NADPH in absorbance at 340 nm resulting from the reduction of NADP. One unit will oxidize 1.0 pmole of fructose 1,6 diphosphate to fructose 6-phosphate and inorganic phosphate per minute at pH 9.5 at 37C.

Target Details

Target:	FBP1
Alternative Name:	FBP1 (FBP1 Products)
Pathways:	Cellular Glucan Metabolic Process, Regulation of Carbohydrate Metabolic Process, Dicarboxylic Acid Transport

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied in liquid form in 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10 % glycerol.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 deg C short term (1-2 weeks). For long term storage, aliquot and store at -20 or -70 deg C. Avoid repeated freezing and thawing cycles.