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Datasheet for ABIN5853875

MAP4K3 Protein (AA 1-321) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	MAP4K3
Protein Characteristics:	AA 1-321
Origin:	E. coli
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP4K3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	<p>MGSSHHHHHH SSSLVPRGSH MGSMTKYALV GDVGGTNARL ALCDIASGEI SQAQTYSGLD</p> <p>YPSLEAVIRV YLEEHKVEVK DGCIAIACPI TGDWVAMTNH TWAFSIAEMK KNLGFSHLEI</p> <p>INDFTAVSMA IPMLKKEHLI QFGGAEPVEG KPIAVYGAGT GLGVAHLVHV DKRWVSLPGE</p> <p>GGHVDFAPNS EEEAIILEIL RAEIGHVSAE RVLSGPGLVN LYRAIVKADN RLPENLKPKD</p> <p>ITERALADSC TDCRRALSLF CVIMGRFGGN LALNLGTFGG VFIAGGIVPR FLEFFKASGF</p> <p>RAAFEDKGRF KEYVHDIPVY LIVHDNPGLL GSGAHLRQTL GHIL</p>
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Purity:	> 95 % by SDS - PAGE
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Target Details

Target:	MAP4K3
Alternative Name:	glk (MAP4K3 Products)

Target Details

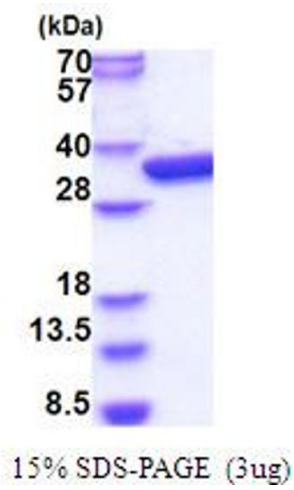
Background:	Glk belongs to the bacterial glucokinase family. This protein is not highly important in E.coli as glucose is transported into the cell by the PTS system already as glucose 6-phosphate. Recombinant E.coli glk protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Molecular Weight:	37.1 kDa (344aa) confirmed by MALDI-TOF
NCBI Accession:	NP_416889
UniProt:	P0A6V8
Pathways:	MAPK Signaling

Application Details

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

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10 % glycerol
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.