

Datasheet for ABIN5711305

Deoxyguanosine Kinase Protein (DGUOK) (AA 40-277) (His-SUMO Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	Deoxyguanosine Kinase (DGUOK)
Protein Characteristics:	AA 40-277
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Deoxyguanosine Kinase protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	RLSIEGNIIV GKSTFVKLLT KTYPEWHVAT EPVATWQNIQ AAGTQKACTA QSLGNLLDMM YREPARWSYT FQTF SFLSRL KVQLEPFPEK LLQARKPVQI FERSVYSDRY IFAKNLFENG SLSDIEWHIY QDWSHFLWE FASRITLHGF IYLQASPQVC LKRLYQRARE EEKGIELAYL EQLHGQHEAW LIHKTTKLHF EALMNIPVLV LDVNDDFSEE VTKQEDLMRE VNTFVKNL
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	Deoxyguanosine Kinase (DGUOK)
Alternative Name:	DGUOK (DGUOK Products)
Background:	Required for the phosphorylation of several deoxyribonucleosides and certain nucleoside

Target Details

analogs widely ployed as antiviral and chotherapeutic agents.

Molecular Weight: 43.9 kDa

UniProt: [Q16854](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

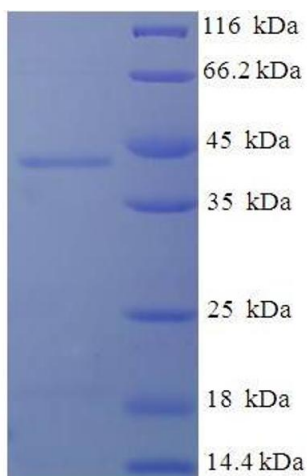
Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.