

Recombinant Human DGUOK Protein (40-277 aa), His-SUMO-tagged

Cat. No. DGUOK-1011H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DGUOK Protein (40-277 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	40-277 aa
Description	Required for the phosphorylation of several deoxyribonucleosides and certain nucleoside analogs widely ployed as antiviral and chotherapeutic agents.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	44.0 kDa
AA Sequence	RLSIEGNIAVGKSTFVKLLTKTYPEWHVATEPVATWQNIQAAGTQKACTAQSLGNLL DMMYREPARWSYTFQTFSFLSRLKVQLEPFPEKLLQARKPVQIFERSVYSDDRYIFAK NLFENGSLSDIEWHIYQDWHSFLLWEFASRITLHGFIYLQASPQVCLKRLYQRAREE EKGIELAYLEQLHGQHEAWLIHKTTKLHFEALMNIPVLVLDVNDDFSEEVTQEDLMR EVNTFVKNL
Purity	> 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

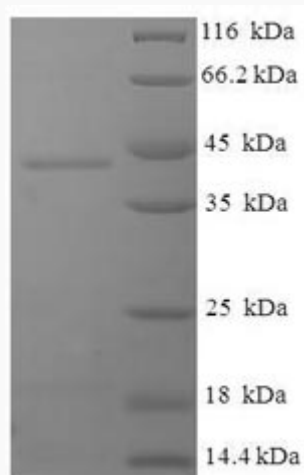
GENE INFORMATION

Gene Name	DGUOK deoxyguanosine kinase [Homo sapiens]
Official Symbol	DGUOK
Synonyms	DGUOK; dGK; MTDPS3;
Gene ID	1716
mRNA Refseq	NM_080916
Protein Refseq	NP_550438
MIM	601465
UniProt ID	Q16854

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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