

Recombinant Human DEK, GST-tagged

Cat. No. DEK-2046H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human DEK protein with a GST tag produced in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a protein with one SAP domain. This protein binds to cruciform and superhelical DNA and induces positive supercoils into closed circular DNA, and is also involved in splice site selection during mRNA processing. Chromosomal aberrations involving this region, increased expression of this gene, and the presence of antibodies against this protein are all associated with various diseases. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	~ 70-kDa
Purity	> 90% by SDS-PAGE
Storage	Maintain preparations in aliquots at -70° C. Avoid repeated thawing.
Storage Buffer	1 µg in 50 µl 50 mM Tris-HCl pH 7.0 buffer containing 14 mM β-mercaptoethanol, 1 mM benzamidine, 0.1 mM phenylmethanesulfonyl fluoride, 1 mM EDTA and 10% glycerol.

GENE INFORMATION

 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

Gene Name	DEK DEK proto-oncogene [Homo sapiens (human)]
Official Symbol	DEK
Synonyms	DEK; D6S231E; DEK proto-oncogene; protein DEK; DEK oncogene (DNA binding)
Gene ID	7913
mRNA Refseq	NM_001134709
Protein Refseq	NP_001128181
MIM	125264
UniProt ID	P35659
Chromosome Location	6p22.3
Function	DNA binding; histone binding; poly(A) RNA binding

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