Deoxycytidine kinase (DCK) Recombinant Protein | DCK recombinant protein

Recombinant Human Deoxycytidine kinase (DCK)

CATALOG #	HOST
AAA113655	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Deoxycytidine kinase (DCK); Recombinant Human Deoxycytidine kinase (DCK); DCK recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-260aa; Full Length
Sequence	MATPPKRSCP SFSASSEGTR IKKISIEGNI AAGKSTFVNI LKQLCEDWEV VPEPVARWCN VQSTQDEFEE LTMSQKNGGN VLQMMYEKPE RWSFTFQTYA CLSRIRAQLA SLNGKLKDAE KPVLFFERSV YSDRYIFASN LYESECMNET EWTIYQDWHD WMNNQFGQSL ELDGIIYLQA TPETCLHRIY LRGRNEEQGI PLEYLEKLHY KHESWLLHRT LKTNFDYLQE VPILTLDVNE DFKDKYESLV EKVKEFLSTL
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for DCK recombinant protein	Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleosides and their nucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticancer chemotherapeutic agents. Conversely, increased deoxycytidine kinase activity is associated with increased activation of these compounds to cytotoxic nucleoside triphosphate derivatives. DCK is clinically important because of its relationship to drug resistance and sensitivity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503269
NCBI GeneID	1633
NCBI Accession #	NP_000779.1
NCBI GenBank Nucleotide #	NM_000788.2
UniProt Accession #	P27707; Q5TZY7; Q6FI11; B2R8V6
Molecular Weight	30,519 Da
NCBI Official Full Name	deoxycytidine kinase
NCBI Official Synonym Full Names	deoxycytidine kinase
NCBI Official Symbol	DCK
NCBI Protein Information	deoxycytidine kinase

UniProt Protein Name	Deoxycytidine kinase
UniProt Gene Name	**DCK**
UniProt Synonym Gene Names	dCK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/dck-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113655