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DCK Protein (DYKDDDDK Tag)



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Overview	
Quantity:	20 μg
Target:	DCK
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DCK protein is labelled with DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human Deoxycytidine kinase (full length, C-term DDK tag) protein expressed in Sf9 cells.
	Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	DCK
Alternative Name:	Deoxycytidine Kinase (DCK Products)
Background:	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

Target Details

	derivatives. DCK is clinically important because of its relationship to drug resistance and sensitivity.
Molecular Weight:	30 kDa
NCBI Accession:	NP_000779

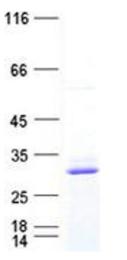
Application Details

Application Notes:	Recombinant human proteins can be used for:	
	Native antigens for optimized antibody production	
	Positive controls in ELISA and other antibody assays	
Comment:	The tag is located at the C-terminal.	
Restrictions:	For Research Use only	

Handling

Concentration:	50 μg/mL
Buffer:	50 mM Tris-HCl pH 8.0, 150 mM NaCl, 20 % glycerol. Store at -80C. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot