

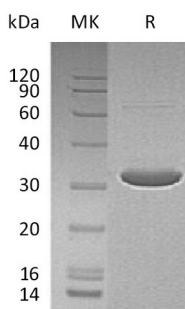
Product Name: Recombinant Human DCK (N-6His-T7)
Catalog #: PEH0527



概述 (Summary)

英文全称	Deoxycytidine kinase/DCK
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Deoxycytidine Kinase is produced by our E.coli expression system and the target gene encoding Met1-Leu260 is expressed with a 6His, T7 tag at the N-terminus.
Accession #	P27707
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	34 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of PBS, 50% Glycerol, 1mM TCEP, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Deoxycytidine Kinase; dCK; DCK

背景介绍 (References)

Deoxycytidine Kinase (DCK) is a member of the DCK/DGK family. DCK exists as a homodimer and is localized to the nucleus. DCK is required for the phosphorylation of the deoxyribonucleosides deoxycytidine (dC), deoxyguanosine (dG), and deoxyadenosine (dA). DCK has broad substrate specificity, and does not display selectivity based on the chirality of the substrate. In addition, DCK is also an essential enzyme for the phosphorylation of numerous nucleoside analogs widely employed as antiviral and chemotherapeutic agents. DCK is clinically important because of its relationship to drug resistance and sensitivity.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.