

DATA SHEET

Recombinant Human Deoxycytidine Kinase DCK Human

Cat # **MBS144203**
Lot # 1019PDCK15
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Synonyms	Deoxycytidine kinase, DCK, MGC117410, MGC138632.
Description	DCK Human Recombinant fused with a 36 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 296 amino acids (1-260 a.a.) and having a molecular mass of 34.6kDa. The DCK is purified by proprietary chromatographic techniques.
Source	Escherichia Coli.
Physical Appearance	Sterile filtered colorless solution.
Formulation	The DCK solution (0.5mg/ml) contains 20mM Tris-HCl Buffer (pH 7.5), 1mM DTT, 0.1mM PMSF, 2mM EDTA and 10% Glycerol.
Stability	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Purity	Greater than 90.0% as determined by SDS-PAGE.
Amino acid sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMATP PKRSCPSFSA SSEGTRIKKI SIEGNIAAGK STFVNILKQL CEDWEVPEP VARWCNVQST QDEFEELTMS QKNGGNVLQM MYEKPERWSF TFQTYACLSR IRAQLASLNG KDKAEKPVLFERSVYSR YIFASNLYES ECMNETEWTI YQDWHDWMMNN QFGQSLELDG IYQLQATPET CLHRIYLRGR NEEQGIPLEY LEKLHYKHES WLLHRTLKTN FDYLQEVPI TLDVNEDFKD KYESLVEKVK EFLSTL.