

32-3132: UCK2 Recombinant Protein

Alternative Name : UK,UCK 2,Uridine-Cytidine Kinase 2,Uridine Monophosphate Kinase,Cytidine Monophosphokinase 2.

Description

Source : Escherichia Coli. UCK2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 269 amino acids (1-261a.a.) and having a molecular mass of 30.3kDa.UCK2 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques. UCK2 is a member of the uridinekinase family. UCK2 catalyzes the phosphorylation of uridine monophosphate to uridine diphosphate and cytidine monophosphate. UCK2 has a part in the production of pyrimidine nucleoside triphosphates essential for RNA and DNA synthesis. Furthermore, an allele of this gene is an important player in mediating nonhumoral immunity to Hemophilus influenzae type B.

Product Info

Amount :	25 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The UCK2 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 2mM DTT, 100mM NaCl, 0.1mM PMSF, 1mM EDTA and 20% glycerol .
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.Please avoid freeze thaw cycles.
Amino Acid :	MAGDSEQTLQ NHQQPNGGEP FLIGVSGGTA SGKSSVCAKI VQLLGQNEVD YRQKQVWILS QDSFYRVLTS EQKAKALKGQ FNFDPDAFD NELILKTLKE ITEGKTQVIP VYDFVSHSRK EETVTVPAD VVLFEGILAF YSQEVRLDFQ MKLFVDTDAD TRLSRRVLRD ISERGRDLEQ ILSQYITFVK PAFEEFCLPT KKYADVIIPR GADNLVAINL IVQHIQDILN GGPSKRQTNG CLNGYTSPRK RQASESSSRP HLEHHHHHHH