

Uridine-Cytidine Kinase 2 Human Recombinant

Item Number	rAP-1742
Synonyms	UK, UCK 2, Uridine-Cytidine Kinase 2, Uridine Monophosphate Kinase, Cytidine Monophosphokinase 2.
Description	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.
Uniprot Accesion Number	Q9BZX2
Amino Acid Sequence	MAGDSEQTLQ NHQQPNGGEP FLIGVSGGTA SGKSSVCAKI VQLLGQNEVD YRQKQVVILS QDSFYRVLTS EQKAKALKGQ FNFDPDAFD NELILKTLKE ITEGKTQIP VYDFVSHSRK EETVTVYPAD VVLFEGLAF YSQEVRDLFQ MKLFVDTDAD TRLSRRVLRD ISERGRDLEQ ILSQYITFVK PAFEEFCLPT KKYADVIIIPR GADNLVAINL IVQHIQDILN GGPSKRQTNG CLNGYTSPRK RQASESSSRP HLEHHHHHHH
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	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 . Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**