

Uridine-Cytidine Kinase 1 Human Recombinant

Item Number	rAP-1735
Synonyms	Uridine-cytidine kinase 1, UCK 1, Cytidine monophosphokinase 1, UCK1 Uridine monophosphokinase 1, URK1, FLJ12255, RP11-334J6.5, Uridine-cytidine kinase 1 isoform a.
Description	UCK1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 152 amino acids (143-273a.a) and having a molecular mass of 17.5kDa. UCK1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9HA47
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MFYSQEIRDM FHLRLFVDTD SDVRLSRRVL RDVRRGRDLE QILTQYTTFV KPAFEFCLP TKKYADVIIP RGVDNMVAIN LIVQHIQDIL NGDICKWHRG GSNGRSYKRT FSEPGDHPGM LTSGKRSHLE SS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	UCK1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea. Greater than 80.0% 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**