

Product datasheet for PH302406

UCK2 (NM_012474) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UCK2 MS Standard C13 and N15-labeled recombinant protein (NP_036606)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202406
Predicted MW:	29.3 kDa
Protein Sequence:	>RC202406 protein sequence Red=Cloning site Green=Tags(s) MAGDSEQTLQNHQQPNGGEPFLIGVSGGTASGKSSVCAKIVQLLGQNEVDYRQKQVVILSQDSFYRVLTS EQKAKALKGQFNFDHPDAFDNELILKTLKEITEGKTVQIPVYDFVSHSRKEETVTYYPADVLFEGILAF YSQEVRLDFQMMLFVDTDADTRLSRRVLRDISERGRDLEQILSQYITFVKPAFEFCLPTKKYADVIIIPR GADNLVAINLIVQHIQDILNGGPSKRQTNGCLNGYTPSRKRQASESSSRPH TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_036606
RefSeq Size:	4940
RefSeq ORF:	783
Synonyms:	TSA903; UK; UMPK
Locus ID:	7371
UniProt ID:	Q9BZX2



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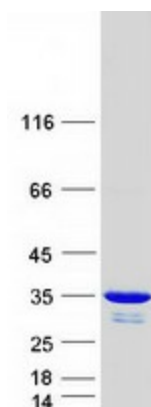
Cytogenetics: 1q24.1

Summary: This gene encodes a pyrimidine ribonucleoside kinase. The encoded protein (EC 2.7.1.48) catalyzes phosphorylation of uridine and cytidine to uridine monophosphate (UMP) and cytidine monophosphate (CMP), respectively.[provided by RefSeq, Oct 2010]

Protein Families: Druggable Genome

Protein Pathways: Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism

Product images:



Coomassie blue staining of purified UCK2 protein (Cat# [TP302406]). The protein was produced from HEK293T cells transfected with UCK2 cDNA clone (Cat# [RC202406]) using MegaTran 2.0 (Cat# [TT210002]).