

Full-Length

UCK1 (Human) Recombinant Protein (P01)

Catalog # H00083549-P01

Size 50 ug

Specification

Product Description	Human UCK1 full-length ORF (BAB14010.1, 1 a.a. - 277 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MASAGGEDCESPAPEADRP HQRPFLIGVSGGTASGKSTVCEKIMELLGQNEVEQRQRKVLSQ DRFYKVLTAEQKAKALKGQYNFDHPDAFDNDLMHRTLKNIVEGKTVEVPTYDFVTHSRP PETTVV YPADVVLFEGLVFYSQEIRDMFHLRLFVD TDSDVRLSRRVLRDVRGRDLEQILTQYTT FVKPAFE EFCLPTKKYADV IIPRGVDNMVAINLIVQHIQDILNGDICKWHRGGSNGRSYKRTFSEPGDHPGMLT SGKRSHLESSSRPH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	57.8
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — UCK1

Entrez GeneID	83549
GeneBank Accession#	AK022317.1
Protein Accession#	BAB14010.1
Gene Name	UCK1
Gene Alias	FLJ12255, URK1
Gene Description	uridine-cytidine kinase 1
Omim ID	609328
Gene Ontology	Hyperlink
Gene Summary	Uridine/cytidine kinase-1 (EC 2.7.1.48) is a pyrimidine ribonucleoside kinase that catalyzes the phosphorylation of uridine and cytidine to form uridine monophosphate (UMP) and cytidine monophosphate (CMP) (Van Rompay et al., 2001 [PubMed 11306702]).[supplied by OMIM]
Other Designations	OTTHUMP00000022400

Pathway

- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Pyrimidine metabolism](#)