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UCK2 Recombinant Protein

CATALOG NO.: XW-RP3282

BACKGROUND:
The protein encoded by this gene catalyzes the phosphorylation of uridine monophosphate to uridine diphosphate. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. In addition, an allele of this gene may play a role in mediating nonhumoral immunity to Hemophilus influenzae type B.

SOURCE: E. coli

PURITY: 95%

BUFFER: 10 mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN3, 10mM DTT

FUSION PARTNER: His-Tag at N-terminus

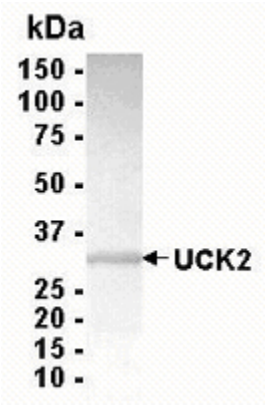
DOMAIN: aa. 1-261

MOLECULAR WEIGHT: 30 kDa (Calculated)

PROTEIN GI #: 18699734

PROTEIN ACCESSION #: NP_036606

TESTED APPLICATION: WB,E,MS



SDS PAGE: Analysis of UCK2 Recombinant Protein. 4-20% SDS gradient gel. Coomassie blue staining.

STORAGE: Store at -70ºC. As with any protein, exposing UCK2 recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.

During shipment, small volumes of UCK2 recombinant protein will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap. **For research use only.**