

RPPB2061

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## Product Information    Protein Information

**Product SKU:**

RPPB2061

**Accession:**

P00480

**Host:**

E.coli.

**Protein description:**

OTC Recombinant produced in E. coli is a single polypeptide chain containing 347 amino acids (33-354) and having a molecular mass of 38.9kDa. OTC is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Ornithine carbamoyltransferase mitochondrial, Ornithine transcarbamylase, OTCase, OCTD, EC 2.1.3.3.

**Formulation:**

The OTC solution (0.5mg/ml) contains 20mM MES buffer (pH 6.0), 100mM NaCl, 2mM DTT and 10% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMMNKVQL KGRDLLTLKN FTGEEIKYML WLSADLKFRI KQKGEYLPLL  
QGKSLGMIFE KRSTRRLST ETGFALLGGH PCFLTQDIH LGVNESLTDI ARVLSMADA VLARVYKQSD  
LDTLAKEASI PIINGLSLDLY HPIQILADYL TLQEHYSSLK GLTSLWIGDG NNILHSIMMS AAKFGMHLQA  
ATPKGYEPDA SVTKLAEQYA KENGTLLLL NDPLEAAHGG NVLITDTWIS MGQEEKKKR LQAFQGYQVT  
MKTAKVAASD WTLHCLPRK PEEVDDEVFY SPRSLVFPEA ENRKWTIMAV MVSLLTDYSP QLQKPKF.