

Human CPOX Recombinant Protein



RPPB1505

Product Information Protein Information

Product SKU:

RPPB1505

Accession:

P36551

Host:

E.coli.

Protein description:

CPOX Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 367 amino acids (111-454) and having a molecular mass of 41.6kDa. CPOX is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

CPO, CPX, HCP, Coproporphyrinogen-III oxidase, mitochondrial, COX, Coprogen oxidase, Coproporphyrinogenase, CPOX.

Formulation:

The CPOX solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

Purity:

Greater than 95% 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 MGSTSLGRPE EEDELAHRC SSFMAPPVTD LGELRRRPGD MKTKMELLIL
ETQAQVCQAL AQVDGGANFS VDRWERKEGG GGISCVLQDG CVFEKAGVSI SVVHGNLSEE AAKQMRSRGK
VLKTKDGKLP FCAMGVSSVI HPKNPHAPTI HFNYRYFEVE EADGNKQWWF GGGCDLPTY LNQEDAVHFFH
RTLKEACDQH GPDLYPKFKK WCDDYFFIAH RGERRGIGGI FFDDLSPSK EEVFRFVQSC ARAVVPSYIP
LVKKHCDDSF TPQEKLWQQL RRGRYVEFNL LYDRGTFKFL FTPGSRIESI LMSLPLTARW EYMHSPSENS
KEAEILEVLR HPRDWVR.