

RPPB3001

---

## Product Information    Protein Information

**Product SKU:**

RPPB3001

**Accession:**

O14618

**Host:**

Escherichia Coli.

**Protein description:**

CCS Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 294amino acids (1-274a.a.) and having a molecular weight of 31.2kDa. The CCS is fused to a 20a.a. His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Superoxide dismutase copper chaperone, Copper chaperone for superoxide dismutase.

**Formulation:**

The CCS protein solution (1mg/1ml) contains 20 mM Tris-HCl buffer (pH8.0), 1mM DTT, 0.2M NaCl and 10% glycerol.

**Purity:**

Greater than 90.0% 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 SSGLVPRGSH MASDSGNQGT LCTLEFAVQM TCQSCVDAVR KSLQGVAGVQ  
DVEVHLEDQM VLVHTTLPSQ EVQALLEG TG RQAVLKG MGS GQLQNLGAAV AILGGPGTVQ GVVRFLLQTP  
ERCLIEGTID GLEPLHGLH VHQYGDLTNN CNCSGNHFNP DGASHGGPQD SDRHRGDLGN VRADADGRAI  
FRMEDEQLKV WDVIGRSLII DEGEDDLGRG GHPLSKITGN SGERLACGII ARSAGLFQNP KQICSCDGLT  
IWEERGRPIA GKGRKESAQP PAHL.