

# Human CRYZ Recombinant Protein



RPPB3274

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## Product Information    Protein Information

**Product SKU:**

RPPB3274

**Accession:**

Q08257

**Host:**

Escherichia Coli.

**Protein description:**

CRYZ Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 352 amino acids (1-329 a.a.) and having a molecular mass of 37.6kDa. CRYZ is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Quinone oxidoreductase, NADPH:quinone reductase, Zeta-crystallin, CRYZ, Quinone oxidoreductase isoform a, Crystallin, zeta (quinone reductase), Crystallin Zeta.

**Formulation:**

CRYZ protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

**Purity:**

Greater than 95.0% 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 SGLVPRGSH MGSMATGQKL MRAVRVFEFG GPEVLKLRSD IAVPIPKDHQ VLIKVHACGV  
NPVETYIRSG TYSRKPLLPY TPGSDVAGVI EAVGDNASAF KKGDRVFTSS TISGGYAEYA LAADHTVYKL  
PEKLDFKQGA AIGIPYFTAY RALIHSACVK AGESVLVHGA SGGVGLAACQ IARAYGLKIL GTAGTEEGQK  
IVLQNGAHEV FNHREVNYID KIKKYVGEKG IDIIIEMLAN VNLSKDLSLL SHGGRVIVVG SRGTIEINPR  
DTMAKESSII GVTLSSTKE EFQQYAAALQ AGMEIGWLKP VIGSQYPLEK VAEAHENIIH GSGATGKMIL LL.