

## 32-3611: CRYZ Recombinant Protein

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

### Description

Source : Escherichia Coli. 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. Crystallin Zeta, also known as CRYZ, Binds NADP and participates in a one-electron transfer process. CRYZ takes part in the detoxification of xenobiotics and Interacts with (AU)-rich elements (ARE) in the 3'-UTR of target mRNA species. CRYZ improves the mRNA coding for BCL2.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** CRYZ protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.  
**Storage condition :** 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 :** MGSSHHHHHH SGLVPRGSH MGSMATGQKL MRAVRVFEFG GPEVLKLRSD IAVPIPKDHQ  
VLIKVHACGV NPVETYIRSG TYSRKPLLPY TPGSDVAGVI EAVGDNASAF KKGDRVFTSS TISGGYAEYA  
LAADHTVYKL PEKLDKQGA AIGIPYFTAY RALIHSACVK AGESVLVHGA SGGVGLAACQ IARAYGLKIL  
GTAGTEEGQK IVLQNGAHEV FNHREVNID KIKKYVGEKG IDIIIEMLAN VNLSKDLSLL SHGGRVIVVG  
SRGTIEINPR DTMAKESII GVTLFSSTKE EFQYAAALQ AGMEIGWLKP VIGSQYPLEK VAEAHENIIH  
GSGATGKMIL LL.

