9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CRYZ Human

Crystallin Zeta Human Recombinant
RCP0553

Product Overview

Name	CRYZ Human
Description	
Crystallin Zeta Human Recombinant	
Accession (Primary)	Q08257
Synonyms	
Quinone oxidoreductase, NADPH:quinone reductase, Zeta-crystallin, CRYZ, Quinone oxidoreductase isoform a, Crystallin, zeta (quinone reductase), Crystallin Zeta.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CRYZ protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MATGQKL 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 GVTLFSSTKE EFQQYAAALQ AGMEIGWLKP VIGSQYPLEK VAEAHENIIH GSGATGKMIL LL.	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Precautions

CRYZ Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q08257)