

Quinone Oxidoreductase-like Protein 1 Human Recombinant

Item Number	rAP-1788
Synonyms	Quinone Oxidoreductase-like Protein 1, Quinone oxidoreductase homolog 1, Zeta-crystallin homolog, Protein 4P11, QOH-1, CRYZL1, 4P11.
Description	CRYZL1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 369 amino acids (1-349 a.a.) and having a molecular mass of 40.8 kDa. CRYZL1 is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accesion Number	O95825
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MKGLYFQQSS TDEEITVFQ EKEDLPVTED NFVKLQVKAC ALSQINTKLL AEMKMKKDLF PVGREIAGIV LDVGSKVSFF QPDDEVGIL PLDSEDPGLC EVVRVHEHYL VHKEKVTWT EAAGSIRDGV RAYTALHYLS HLSPGKSVLI MDGASAFTI AIQLAHHRGA KVISTACSL DKQCLERFRP PIARVIDVSN GKVHVAESCL EETGGLGVDI VLDAGVRLYS KDDPEAVKLQ LLPHKHDII LLGVGGHWVT TEENLQLDPP DSHCLFLKGA TLAFLNDEVW NLSNVQQGKY LCILKDVMEK LSTGVFRPQL DEPIPLYEAK VSMEAVQKNQ GRKKQVVQF.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	CRYZL1 solution containing 20mM Tris-HCl buffer (pH8.0), 2mM DTT, 0.1M NaCl and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**