

## Quinone Oxidoreductase-like Protein 1 Human Recombinant

<b>Item Number</b>	rAP-1788
<b>Synonyms</b>	Quinone Oxidoreductase-like Protein 1, Quinone oxidoreductase homolog 1, Zeta-crystallin homolog, Protein 4P11, QOH-1, CRYZL1, 4P11.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	O95825
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MKGLYFQQSS TDEEITFVFQ EKEDLPVTEF NFVKLQVKAC ALSQINTKLL AEMKMKKDLF PVGREIAGIV LDVGSKVSFF QPDDEVVGIL PLDSEDPGLC EVVRVHEHYL VHKPEKVTWT EAAGSIRDGV RAYTALHYLS HLSPGKSVLI MDGASAFGTI AIQLAHHRGA KVISTACSLE DKQCLERFRP PIARVIDVSN GKVHVAESCL EETGGLGVDI VLDAGVRLYS KDDEPAVKLQ LLPHKHDIIT LLGVGGHWVT TEENLQLDPP DSHCLFLKGA TLAFLNDEVW NLSNVQQGKY LCILKDVMK LSTGVFRPQL DEPIPLYEAK VSMEAVQKNQ GRKKQVVQF.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	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.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**