

CRYZL1 recombinant protein

CRYZL1, 1-349aa, Human, His tag, E Coli

CATALOG # AAA48617	HOST E Coli	APPLICATIONS SDS-Page
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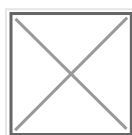
PRODUCT SYNONYMS

CRYZL1; 1-349aa; Human; His tag; E Coli; Quinone oxidoreductase-like protein 1; 4P11; QOH-1; Quinone oxidoreductase-like protein 1 QOH 1; QOH1; Quinone oxidoreductase like 1; Quinone reductase like 1; Zeta crystallin homolog; ; CRYZL1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 2mM DTT, 0.1M NaCl, 20% glycerol
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MKGLYFQQSS TDEEITFVFQ EKEDLPVTED NFVKLQVKAC ALSQINTKLL AEMKMKKDLF PVGREIAGIV LDVGSKVSFF QPDDEVVGIL PLDSEDPLGC EVVRVHEHYL VHKPEKVTWT EAAGSIRDGV RAYTALHYLS HLSPGKSVLI MDGASAFGTI AIQLAHHRGA KVISTACSLE DKQCCLERFRP PIARVIDVSN GKVHVAESCL EETGGLGVDI VLDAGVRLYS KDDEPAVKLQ LLPHKHDIT LLGVGGHHWVT TEENLQLDPP DSHCLFLKGA TLAFLNDEVW NLSNVQQGKY LCILKDVMEK LSTGVFRPQL DEPIPLYEAK VSMEAVQKNQ GRKKQVVQF
Sequence Length	349
Applicable Applications for CRYZL1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CRYZL1 recombinant protein	CRYZL1, also known as quinone oxidoreductase, is a protein that has sequence similarity to zeta crystalline. This Protein is present at low levels in human lens tissue. It has NADPH-dependent quinone reductase activity distinct from other known quinone reductases, and may play a role as a pH response element-binding protein. CRYZL1 is expressed at various levels in heart, brain, skeletal muscle, kidney, pancreas, liver and lung. Recombinant human CRYZL1 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
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Product Categories/Family for CRYZL1 recombinant protein	Redox Proteins
References	Cai SF., et al. (2009) Molecules. 14 (8):2935-46. ; Tauraitė D., et al. (2009) Chem Phys Lipids. 159 (1):45-50.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	90669511
NCBI GeneID	9946
NCBI Accession #	NP_665857
NCBI GenBank Nucleotide #	NM_145858.2
UniProt Accession #	O95825 ; Q96DY0 ; Q9NVY7 ; B2RDX1 ; B3KQ77
Molecular Weight	40.8 kDa (369aa), confirmed by MALDI-TOF
NCBI Official Full Name	quinone oxidoreductase-like protein 1
NCBI Official Synonym Full Names	crystallin zeta like 1
NCBI Official Symbol	CRYZL1
NCBI Official Synonym Symbols	4P11; QOH-1
NCBI Protein Information	quinone oxidoreductase-like protein 1
UniProt Protein Name	Quinone oxidoreductase-like protein 1
UniProt Gene Name	CRYZL1
UniProt Synonym Gene Names	4P11; QOH-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cryzl1-recombinant-protein-e-coli-sds-page/48617>