

Recombinant Human CRYZL1 293 Cell Lysate

Cat. No. CRYZL1-7253HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for crystallin, zeta (quinone reductase)-like 1 (CRYZL1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.

Components

This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).

Size 0.1 mg

Storage Instruction

Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

CRYZL1 crystallin, zeta (quinone reductase)-like 1 [Homo sapiens]

Official Symbol

CRYZL1

Synonyms

CRYZL1; crystallin, zeta (quinone reductase)-like 1; quinone oxidoreductase-like protein 1; 4P11; QOH 1; quinone reductase like 1; protein 4P11; zeta-crystallin homolog; quinone reductase-like 1; quinone oxidoreductase homolog 1; QOH-1; DKFZp434M035;

Gene ID

9946

mRNA Refseq

NM_145858

Protein Refseq

NP_665857

MIM

603920

UniProt ID

O95825

Chromosome Location

21q22.1

Function

NADP binding; NADPH:quinone reductase activity; oxidoreductase activity; zinc ion binding;

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