OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP305953M

CRYZL1 (NM_145858) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human crystallin, zeta (quinone reductase)-like 1 (CRYZL1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205953 protein sequence Red=Cloning site Green=Tags(s) MKGLYFQQSSTDEEITFVFQEKEDLPVTEDNFVKLQVKACALSQINTKLLAEMKMKKDLFPVGREIAGIV LDVGSKVSFFQPDDEVVGILPLDSEDPGLCEVVRVHEHYLVHKPEKVTWTEAAGSIRDGVRAYTALHYLS HLSPGKSVLIMDGASAFGTIAIQLAHHRGAKVISTACSLEDKQCLERFRPPIARVIDVSNGKVHVAESCL EETGGLGVDIVLDAGVRLYSKDDEPAVKLQLLPHKHDIITLLGVGGHWVTTEENLQLDPPDSHCLFLKGA TLAFLNDEVWNLSNVQQGKYLCILKDVMEKLSTGVFRPQLDEPIPLYEAKVSMEAVQKNQGRKKQVVQF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	38.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_665857
Locus ID:	9946

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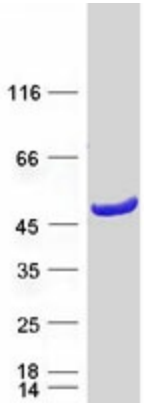
UniProt ID:	O95825
RefSeq Size:	1726
Cytogenetics:	21q22.11
RefSeq ORF:	1047
Synonyms:	4P11; QOH-1
Summary:	This gene encodes a protein that has sequence similarity to zeta crystallin, also known as quinone oxidoreductase. This zeta crystallin-like protein also contains an NAD(P)H binding site. Alternatively spliced transcript variants have been observed but their full-length nature has not been completely determined. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified CRYZL1 protein (Cat# [TP305953]). The protein was produced from HEK293T cells transfected with CRYZL1 cDNA clone (Cat# [RC205953]) using MegaTran 2.0 (Cat# [TT210002]).