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Product datasheet for SC210177

CRYZ (NM_001130042) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	CRYZ
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001130042
Insert Size:	840 bp
Insert Sequence:	>SC210177 3'UTR clone of NM_001130042 The sequence shown below is from the reference sequence of NM_001130042. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCTACTGGAAAAATGATTCTTCTCTTATGATGATTAATTCTTTCATGGATTTCCTATGTAATTAGAGGT ACTGTCTTTCCCCCAGTTGTACTTACCCTATCTTTTCTTTAATTAACATTCGATTCCATGAGCTTCTTA TGTGAAAAAATAAGATTTTTCTTTAGAGAGCAGAAGCAGAAGAGTAAAATTTATTGTATAGCTAGCAAT ATTTTTTTATGCCATCTGTCTCAAATCAAAGAGTCATCATAGTAGGAAATAACATGTTAGTTGTCATTT GGCATGAGTGTGCATTCCAGTAATTCTTAATTGATATTTGATTAATTCCATACCTTTGATTAAAACATG CTAGTTCAAAATAAGACTGCTCAGTTTCCAAGGGTTTTCAAGCCTACTTACCTTTATAAAGGTTCTCTA GTCTCTGATTAGCCATGACTGTATTGGACTTTGAACATTTTCTGAACTAAAAACCTCTATTCTAAACTA ATCTCATTTGGATGTGTAAGTCTTTTGTAAAGGCAAGAATAAATAATATCCAGGACAATTTATTAGTTT TCTCAGTATTTTCCCAAATATTAGAATATTTACTTCATTATTGGTTGGCTGCCAATGACCCCATATGTT CTGTGAGAATAGTAGCTTTATCTTTGATATAATACATAGTCTCCAAATAGGTAATACTTCGCAATTGAT TAGATTTTCAGAGTAGATTTAGAGTTATCTGTTTTTCTGGTGAGGGTCAAATATTTTTGTTAATTAAGC TCACAAATTTGATAAATTAAGAATTATCTGCATTTGTCTCGTAACATAATAATGTGTAATAAAGTCTAT AGAAAATTAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI

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OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001130042.2

Summary: Crystallins are separated into two classes: taxon-specific, or enzyme, and ubiquitous. The latter class constitutes the major proteins of vertebrate eye lens and maintains the transparency and refractive index of the lens. The former class is also called phylogenetically-restricted crystallins. This gene encodes a taxon-specific crystallin protein which has NADPH-dependent quinone reductase activity distinct from other known quinone reductases. It lacks alcohol dehydrogenase activity although by similarity it is considered a member of the zinc-containing alcohol dehydrogenase family. Unlike other mammalian species, in humans, lens expression is low. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One pseudogene is known to exist. [provided by RefSeq, Sep 2008]

Locus ID: 1429

MW: 33.1