

Product datasheet for **SC210176**

CRYZ (NM_001889) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CRYZ (NM_001889) Human 3' UTR Clone
Symbol: CRYZ
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_001889
Insert Size: 840 bp

Insert Sequence: >SC210176 3'UTR clone of NM_001889
The sequence shown below is from the reference sequence of NM_001889. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
GCTACTGGAAAAATGATTCTTCTCTTATGATGATTAATTCTTTTCATGGATTTCTATGTAATTAGAGGT
ACTGTCTTTCCCCAGTTGTACTTACCCTATCTTTCTTAATTAACATTCGATTCCATGAGCTTCTTA
TGTGAAAAAATAAGATTTTTCTTTAGAGAGCAGAAGCAGAAGAGTAAAAATTTATTGTATAGCTAGCAAT
ATTTTTTATGCCATCTGTCTCAATCAAAAGAGTCATCATAGTAGGAAATAACATGTTAGTTGTCATTT
GGCATGAGTGTGCATTCCAGTAATTCTTAATTGATATTTGATTAATTCATACCTTTGATTAAAACATG
CTAGTTCAAATAAGACTGCTCAGTTTCCAAGGTTTTCAAGCCTACTTACCTTTATAAAGTTCTCTA
GTCTCTGATTAGCCATGACTGTATTGGACTTTGAACATTTCTGAACTAAAAACCTCTATTCTAACTA
ATCTCATTTGGATGTGTAAGTCTTTTGTAAAGGCAAGAATAAATAATATCCAGGACAATTTATTAGTTT
TCTCAGTATTTCCCAAATATTAGAATTTTACTTCATTATTGGTTGGCTGCCAATGACCCCATATGTT
CTGTGAGAATAGTAGCTTTATCTTTGATATAATACATAGTCTCCAATAGGTAATACTTCGCAATTGAT
TAGATTTTCAGAGTAGATTTAGAGTTATCTGTTTTCTGGTGAGGGTCAAATATTTTTGTAATTAAGC
TCACAAATTTGATAAATTAAGAATTATCTGCATTTGTCTCGTAACATAATAATGTGTAATAAAGTCTAT
AGAAAATTAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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.
RefSeq:	NM_001889.4
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