

Product datasheet for RC202160L3V

OriGene Technologies, Inc.

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CORD2 (CRX) (NM_000554) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: CORD2 (CRX) (NM_000554) Human Tagged ORF Clone Lentiviral Particle

Symbol: CORD2

Synonyms: CORD2; CRD; LCA7; OTX3

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK
ACCN: NM 000554

ORF Size: 897 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC202160).

OTI Disclaimer:

Sequence:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeg: NM 000554.2

 RefSeq Size:
 4482 bp

 RefSeq ORF:
 900 bp

 Locus ID:
 1406

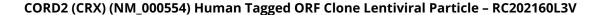
 UniProt ID:
 043186

 Cytogenetics:
 19q13.33

Protein Families: Druggable Genome, Transcription Factors

MW: 32.3 kDa







Gene Summary:

The protein encoded by this gene is a photoreceptor-specific transcription factor which plays a role in the differentiation of photoreceptor cells. This homeodomain protein is necessary for the maintenance of normal cone and rod function. Mutations in this gene are associated with photoreceptor degeneration, Leber congenital amaurosis type III and the autosomal dominant cone-rod dystrophy 2. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some variants has not been determined. [provided by RefSeq, Jul 2008]