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Product datasheet for MC226264

Dgcr6 (NM_001289813) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dgcr6 (NM_001289813) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dgcr6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226264 representing NM_001289813 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGACCGCTATGCGGCCGCCGGGGATGAGGCGGCGGATCGGGCCCGGCAGCAGGAGCGGCACTACCAGC TGCTGTCAGCACTACAGAGCCTGGTCAAGGAGCTGCCCAGCTCCTTTCAGCAGCGCCTGTCCTACACCAC GCTCAGCGACTTGGCCCTGGCGCTGCTCGACGGAACGGTGTTTGAAATCGTGCAGGGTCTTCTGGAGATT CAGCACCTCACTGAGAAGAGCCTCTACAACCAGAGACTGCGGCTGCAGAACGAACACCGAGTGCTCAGAC AGACTCTAAGGCAGAAGCACCTGGAAGCCCAGCAGTCCTGCCGGCCCCACAACTTGCCAGTGCTCCAGGC AGCTCAGCAGCGTGAGCTGGAGTCATGGCAGGCCATGGAACATCGGATCCGGGAGGAGCAGCAGGCTATG GACCGAAAGATTGTCCTGGAGCTGGACCGGAAGGTTGCCGACCAGCAGAGCACACTGGAGAAGGCAGGGG TAGCTGGTTTCTACGTGACCACCAATCCTCAGGAGCTGACGCTGCAGATGAACCTATTGGAACTCATCAG GAAGCTGCAGCAGAGGGGCTGCCAAGTGGGAAAGGCAGCTCTGTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001289813
Insert Size:	606 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001289813.1, NP_001276742.1
RefSeq Size:	1364 bp
RefSeq ORF:	606 bp
Locus ID:	13353
UniProt ID:	O35347
Cytogenetics:	16 11.19 cM
Gene Summary:	This gene encodes a protein that is similar to the gonadal protein in Drosophila (fruit fly). The encoded protein is thought to play a role in migration of neural crest cells during development. Deletions in the human gene are associated with DiGeorge syndrome (or velocardiofacial syndrome) which has many clinical features including cardiac abnormalities, cleft palate, atypical facial features, hypocalcemia, hypoparathyroidism and defective development or congenital absence of the thymus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014] Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.

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