

Product datasheet for MC207485

Dkk1 (NM_015789) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dkk1 (NM_015789) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dkk1
Synonyms: AI414495; mSgy; SGY; SGY-1; SGY1; Soggy
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207485 representing NM_015789
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGTCGACTGAGGGTCTTGCTGCTGCTGCTCCCCTTGGCTTCGTGTCCTCCTCTGCTCTCCCATCC
 ATGATGTCGACTCTCAGCAGAACACCTCCGGTTCCTGGCTTCAGAGGCTTCTCAAAGCTTTAGTCG
 ACTGTTCTAAAAATGACCTGCTACGAGACCTGGACAATTCTCTCCTCCCCATGGACTTCCGAGAC
 TTCCTAGGAACTCCATCAGGAAGAGAACCAGGAGCACAGAATGGCAACCATACCTCTCCAGCCACC
 TACAGATAGACAAGGTGACTGACAACCAGACAGGGGAGGTGCTCATCTCGGAGAAAGTCGAGGCCTCCAT
 TGAGCCAGAACGGAACCCGGAAGGGGACTGGAAGGTTCCCAAAGTAGAAGCAAAGAGCCCCGGTGCCT
 GTGCAGAAGGTCACCGACAGCTTGACCCAGAGCCCCGGCAGGTGGCTTTCTGGATCATGAAGATGCCAA
 GGCGGAGGACCCAGCCGATGTCCAGGATGGAGGCCGCTGGCTCATAGAAAAGCGACATCGCATGCAGGC
 CATCCGGGATGGGCTCCGTGGAGGCCCGTGAGGACAGCCTGGAGGATGGGTCCATATCCCCAACAC
 GCCAAGCTGCCTGCAGAAAGACACACTTCTCTACATCCTCAGGCCATCCCAACAGCT**GTA**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_015789
Insert Size: 693 bp



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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).
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:	<ol style="list-style-type: none">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_015789.3 , NP_056604.2
RefSeq Size:	903 bp
RefSeq ORF:	693 bp
Locus ID:	50722
UniProt ID:	Q9QZL9
Cytogenetics:	7 29.19 cM
Gene Summary:	Involved in fertilization by facilitating sperm penetration of the zona pellucida (PubMed:19596312, PubMed:22817830). May promotes spermatocyte apoptosis, thereby limiting sperm production. In adults, may reduces testosterone synthesis in Leydig cells (PubMed:18818293). Is not essential either for development or fertility (PubMed:19596310). [UniProtKB/Swiss-Prot Function]