

Product datasheet for MR216143

Dpt (NM_019759) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dpt (NM_019759) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Dpt
Synonyms: 1810032B19Rik; 5033416F05Rik; EQ-1; Eq1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR216143 representing NM_019759
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACCTCACTCTTCTGTGGTCTTCTGCCACTGGTGACCACAGCCTGGGGCCAGTATGGTGGCTACG
 GGTACCCATACCAGCAGTACCAGGACTACGGTATGATGGATGGTGAATCTTAACCGCCAAGGCTTCAG
 CTACCAGTGTCCCACGGCAAGTGGTGGTAGCTGTGAGGAGCATCTTTAGCAAGAAGGAAGGCTCTGAC
 AGACAATGGAATATGCCTGCATGCCTACACCCAAAGCCTGGGGAGCCACTGAGTGTGGTGGGAGG
 AGATCAACAGGGCCGGCATGGAATGGTACCAGAAGTGCTCAACAATGGATTGGTGGCGGGTCCAGAG
 CCGCTACTTCGAATCAGTGTGGATCGTGAGTGGCAATTTACTGCTGCCGCTATAGCAAGAGGTGCCA
 TATTCCTGCTGGATGACAACAGAGTACCAAGCCACTATGGGGAAGACATGGACATGATTTCTATGACT
 ACGATTTTATATGCGAGGAGCAACAACCACTTTCTCTGCAGTGGAAAGGGATCGCCAGTGGAAAGTTCAT
 CATGTGCCGGATGACTGACTACGACTGCGAATTCGAAAACGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR216143 representing NM_019759
 Red=Cloning site Green=Tags(s)

MDLTLWVLLPLVTTAWGQYGGYGPYQQYQDYGDDGWVNLNRQGF SYQCPHGQVVAVRSIFSKKEGSD
 RQWNYACMPTPQSLGEPTWCWEEINRAGMEWYQKCSNGLVAGFQSRYPFESVLDREWQFYCCRYSKRCP
 YSCWMTTEYP SHYGEDMDMISYDYDFYMRGATTF SAVERDRQWKFIMCRMTDYDCEFENV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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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_019759.3](#)

RefSeq Size: 1636 bp

RefSeq ORF: 606 bp

Locus ID: 56429

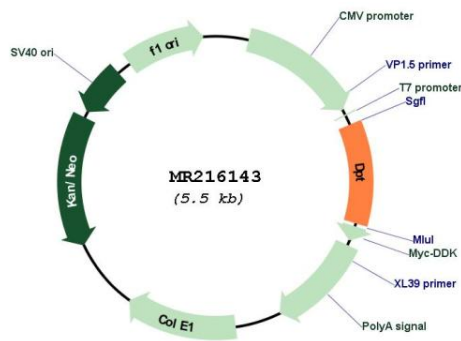
UniProt ID: [Q9QZZ6](#)

Cytogenetics: 1 H2.2

MW: 24.4 kDa

Gene Summary: Seems to mediate adhesion by cell surface integrin binding. May serve as a communication link between the dermal fibroblast cell surface and its extracellular matrix environment. Enhances TGFB1 activity (By similarity). Inhibits cell proliferation. Accelerates collagen fibril formation, and stabilizes collagen fibrils against low-temperature dissociation. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR216143