

Product datasheet for MC227216

Ctdspl2 (NM_001290992) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ctdspl2 (NM_001290992) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ctdspl2
Synonyms: D2Ertd485e
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227216 representing NM_001290992
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACAAATCAACATATAAAGCAAATGGAAAATTAGAAGATAACCCTTGCTCTGGTAGTCCTCCGAGGA
 CTACATTGTTGGGACCATATTTTCGCCTGTCTCAACTTTTTTACCAGCAAATAAAATGGAACGTC
 AGGCTCAGATCCCAGGACAGGCTGTGGAAGCTGAGGAGATAGTGAAACAACCTTGACATGGAACAGGTG
 GATGAAATTAACCAGCACAGCTCAGCTAATGGAGCGCTTACTCAAATCAAGCAGTTCAAGTAGGC
 CATCACTAAATAATGGTTTGAAGAAGCAGAAGAAACAGTTACCCGGGATATCCCACCCCTTACAGCACC
 AGTAACTCCAGAGAGTGGTACTCGTCAGCCATGCAGAGGCCACCTATGAAGAAGACTGGGAAGTATTT
 GACCCCTATTATTTATCAAACATGTTCCGCTCTGACAGAAGAACAGCTAAATAGGAACTGCTCTTC
 CTTTGAACAAGAAGCACACCAGATTCTCCCTGGTCTTAGATCTGGATGAGACACTAGTGCAGTGCAG
 TCTGAATGAGCTAGAAGATGCAGCGCTCACTTTCCAGTCTTTTCCAAGATGTCATTTATCAGGTTTAT
 GTGAGATTAAGACCATTCTCAGGGAATTCCTGGAACGAATGTCTCAGATGTATGAGATCATTCTTTTTA
 CTGCTTCTAAGAAGGTGATGCAGACAAGTTACTGAACATACTAGACCCTAAAAAGCAACTGGTCAGGCA
 CCGGCTTTTCCGTGAACATTGTGTTGTGTACAAGGAACTATATAAAGGACTTGAATATCCTTGGGAGA
 GATCTTTCCAAACTATAATAATTGACAACTCACACAAGCCTTTGCCTATCAGCTTTCTAATGGAATCC
 CTATAGAAAGCTGGTTTATGGATAAAAATGACAAATGAACTCCTAAAATTGATTCCATTTCTGGAGAAGCT
 TGTAGAAGTGAAGATGTCCGGCTCACATCAGAGACAGATTTGATTGCATGATTTGCTGCCCCCA
 GAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290992



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Insert Size:	1056 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).
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:	<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:	<u>NM_001290992.1</u> , <u>NP_001277921.1</u>
RefSeq Size:	6733 bp
RefSeq ORF:	1056 bp
Locus ID:	329506
UniProt ID:	<u>Q8BG15</u>
Cytogenetics:	2 60.46 cM
Gene Summary:	Probable phosphatase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) uses an alternate splice site in the 5' region, and it thus differs in its 5' UTR and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (c) is shorter at the N-terminus, compared to isoform a.