

Product datasheet for MC225426

Dsp (NM_023842) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dsp (NM_023842) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dsp
Synonyms: 2300002E22Rik; 5730453H04Rik; AA407887; AA407888; AW109828; DP; rul
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225426 representing NM_023842
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGCTGCAACGGCGGCTCCACCCGCGGATCAACACGCTGGGTGCGATGACCCGCGGGAGTCCGGCC
 CGGACCTGCGCTACGAGATGACCTACAGCGGTGGCGGGCGGGGGCGGGGGCGGGGGCGCC
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 CTCCCGCTCTGGCTCCCGCAGCGGCTCTCGAGAGGAAGCTTCGATGCTACGGGCAATTCTTCTACTCC
 TATTCTATTCAATTTAGCAGTAGCTCCATTGGGGGTAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_023842

Insert Size:

8652 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).

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_023842.2](#), [NP_076331.2](#)**RefSeq Size:**

9592 bp

RefSeq ORF:

8652 bp

Locus ID:

109620

UniProt ID:[E9Q557](#)**Cytogenetics:**

13 A3.3

Gene Summary:

Major high molecular weight protein of desmosomes. Involved in the organization of the desmosomal cadherin-plakoglobin complexes into discrete plasma membrane domains and in the anchoring of intermediate filaments to the desmosomes.[UniProtKB/Swiss-Prot Function]