

Product datasheet for **SC329974**

MIF4GD (NM_001242501) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MIF4GD (NM_001242501) Human Untagged Clone
Tag: Tag Free
Symbol: MIF4GD
Synonyms: AD023; MIFD; SLIP1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329974 representing NM_001242501.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGGGAGCCCAGTAGAGAGGAGTATAAAATCCAGTCCTTTGATGCAGAGACCCAGCAGCTGCTGAAG
ACAGCACTCAAAGATCCGGGTGCTGTGGACTTGGAGAAAGTGGCCAATGTGATTGTGGACCATTCTCTG
CAGGACTGTGTTCAGCAAGGAAGCAGGACGCATGTGCTACGCCATCATTAGGCAGAGAGTAACAA
GCAGGCCAGAGTGTCTCCGACGTGGACTCCTCAACCGGCTGCAGCAGGAGTACCAGGCTCGGGAGCAG
CTGCGAGCACGCTCCCTGCAGGGCTGGGCTGCTATGTCACCTTTATCTGCAACATCTTTGACTACCTG
AGGGTGAACAACATGCCCATGATGGCCCTGGTGAACCCTGTCTATGACTGCCTCTCCGGCTGGCCAG
CCAGACAGTTTGAGCAAGGAGGAGGAGGTGGACTGTTTGGTGCTGCAGCTGCACCGGTTGGGGAGCAG
CTGGAGAAAATGAATGGGCAGCGCATGGATGAGCTCTTTGTGCTGATCCGGGATGGCTTCCCTGCTCCA
ACTGGCCTCAGCTCCCTGGCCAGCTGCTGCTGGAGATCATTGAGTCCGGGCGGCCGGCTGGAAAG
ACAACGCCAGCTGCCACAAGTATTACTACAGCGAAGTCTCCGACTAG
```

Restriction Sites: Sgfl-Mlul
ACCN: NM_001242501
Insert Size: 669 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).



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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_001242501.1](#)

RefSeq Size: 1262 bp

RefSeq ORF: 669 bp

Locus ID: 57409

UniProt ID: [A9UHW6](#)

Cytogenetics: 17q25.1

MW: 25.4 kDa

Gene Summary: This gene encodes a protein which interacts with the N-terminus of the stem-loop binding protein (SLBP) and the 3' end of histone mRNA. This interaction facilitates the activation of histone mRNA translation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2011]
Transcript Variant: This variant (4), as well as variants 7-10, encodes isoform (4).