

Product datasheet for **RN205153**

Mfsd14b (NM_001107334) Rat Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Mfsd14b (NM_001107334) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Mfsd14b |
| Synonyms: | Hiatl1; RGD1308377 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN205153 representing NM_001107334
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCACGGACGGGAGTCGCGGAGGAGCCGGGTGGAAGCGGTGGCCTCACCAAGCGCTCAGCCA
 TGCCTGAGAAGCGCGGGAGCGCTCAGGCCGCGAGCAGCAGCTGGCTACAAGGTTTTGGCCAGCCAAGTGT
 TTACCATGCCGCTTTTGAATCTCTTTGAATCTTTGCGTGGGGCTTGTAACTCAACTCCAATGTTGACT
 GTTTTACACGAAACATTTCTCAACACACATTCCTCATGAATGGTCTCATTCAAGGTGTAAGGGCCTGC
 TCTCTTCTGAGTGCACCATTATAGGCGCTCTCTGTATGTTGGGGCAGGAAGCCTTTTCTCTTGG
 CACGGTCTTTTACCTGCTTTCCTATTCCACTAATGAGGATTAGCCCATGGTGGTATTTTGGCATGATT
 TCTGTATCTGGAGTCTTCTCAGTCACTTCTCTGTAATTTTGCCTATGTAGCTGACTTCACTCAAGAGC
 ACGAAAGAAGTACTGCTTATGGATGGGTCTCAGCCACCTTGCAGCCAGTCTGGTATAGCAGCCCGGCCAT
 TGGAAACATACCTCTCTTCAAATTATGGAGACAGTCTTGTGTGCTGGTAGCCACAGTGGTGGCTCTCCTG
 GACATCTGCTTCAATTTTGGTGGCAGTTCAGAATCTCTGCCAGAGAAAATTAGACCTGCTTCTGGGGAG
 CTCAGATTTCTTGAAACAAGCGGACCCTTTTGCCTCATTAAAGAAAGTCGGGAAAGACTCTACTGTCTT
 ACTCATCTGCATCACAGTGTCTCTCATACCTTCTGAAGCTGGGCAGTACTCAAGCTTTTTTCTCTAT
 CTCCGACAGGTTATAGGTTTTGGATCTGTGAAAATTGTAGCATTATAGCCATGGTAGGAATCTGTCCA
 TTTTGGCTCAGACAGTCTTCTTAGCAAATTGATGAGATCTCTAGGGAACAAGAATACTGTCTCTTGG
 CTTGGGTTTCCAGATACTCCAGCTTGCCTGGTATGGTTTTGGAGCTCAGGCCTGGATGATGTGGGCAGCA
 GGAACGTGGCTGCCATGTCCAGCATTACATCCAGCAGTCACTGCCCTCATCTCGGAATGCAGAGT
 CAGACCAGCAAGGGGTTGCTCAGGGGATTATAACTGGAATACGAGGACTGTGCAATGGCCTAGGGCCAGC
 CCTGTATGGCTTCAATTTCTACCTGTTCCATGTTGAACTGAATGAGTTGGGCCAAAGTTGGATTCTGAT
 AATGATCCCTACAGGGAGCTTTCATCCCGGCCGCCATTTTTATTTGGAGCATGTATAGTTCTCATGT
 CGTTTTTGGTTGCCTTATTCATCCCTGAATACCGCAAACCGGTGGAGTTCAGAAACATAACAACAGCAT
 CAGTGGCAGCCTAAGCACGCCCTGAACGGGGCAGTGTAGGACATTGAGCCATTATTGCAAGATAGC
 AACATCTGGGAGCTTCTCTGAAGAACCTGGAATCAGTGCCTGAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001107334
- Insert Size:** 1524 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_001107334.1](#), [NP_001100804.1](#)

RefSeq Size: 3449 bp

RefSeq ORF: 1524 bp

Locus ID: 306687

UniProt ID: [B2RYH9](#)

Cytogenetics: 17p14