

Product datasheet for **MR210361**

Hsd17b4 (NM_008292) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|------------------------------------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Hsd17b4 (NM_008292) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Hsd17b4 |
| Synonyms: | 17-beta-HSD; 17[b]-HSD; DBP; MFE-2; Mfp-2; MFP2; MPF-2; perMFE-2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

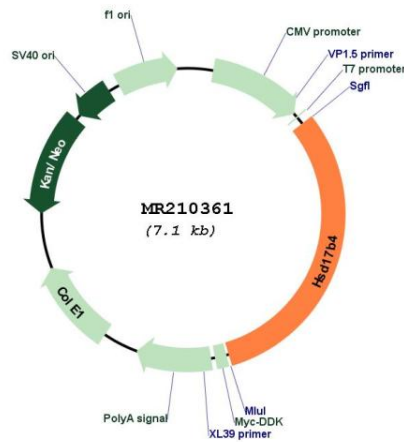
>MR210361 representing NM_008292
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTTCGCGCTGAGTTTCGACGGCGTGTGGTCTTGGTCACCGCGCCGGGGAGGATTGGCCGAG
 CTTACGCCCTGGCGTTTGCAGAAAGAGGAGCATTAGTCATTGTGAACGACTTAGGAGGGGACTTCAAGGG
 AATTGGTAAAGGCTCCTCTGCTCGACAGCAAGGTTGTGGCAGAGATAAGAAGGAAAGCGGAAAAGCAGTG
 GCCAATTACGATTCAGTTGAAGCAGGCGAGAAGCTTGTGAAGACGGCACTGGACACATTTGGCAGAATAG
 ACGTTGTGGTCAACAATGCTGGAATCCTGAGGGACCGTCTCTCCAGGATAAGTGATGAAGACTGGGA
 TATAATTCATAGAGTTTATTGCGGGGCTCTTCCAAGTGACCCGGCAGCATGGGACCATATGAAGAAA
 CAGAATTATGGAAGAATCCTTATGACTTCTCAGCTTCTGGAATATATGGCAACTTTGGCCAGGCGAATT
 ATAGTGTGCAAAGCTGGCATTCTGGTCTCTGCAATACTCTGCCATTGAAGGCAGGAAGAACAACAT
 TCATTGCAACACCATTGCCCAACGCTGGGTACGGATGACGGAGACTGTGTTGCCGGAAGATCTTGTT
 GAAGCCCTGAAGCCAGAGTATGTGGCCCTCTGGTGTCTTGGCTTTGCCATGAGAGCTGTGAGGAAAATG
 GTGGCCTATTTGAGGTTGGAGCAGGATGGATTGAAAAATTGCGCTGGGAGAGGACCTGGGCCCATCGT
 CAGAAAGCGGAATCAGCCATGACTCCCAGGCAGTGAGGGACAACCTGGGAGAAGATCTGTGACTTCAGC
 AATGCCAGCAAGCCGAGACCATTCAAGAATCAACAGGTGGTATAGTCGAAGTTTTACATAAGGTAGATT
 CAGAAGGAATCTCACAAACCGTACCAGTCACGCGGCACCTGCAGCCACGTCAGGATTCGTTGGTGTCTG
 TGGCCATAAATTCCTTCATTTCTTCTTCGTATACGGAGCTGCAGAGTATTATGTATGCCCTCGGAGTG
 GGAGCGTCAGTCAAAAATCCAAAGGATTTGAAGTTTGTATGAAGGCAGTGTGACTTCTCCTGTTTGA
 CCACCTTCGGAGTCATTGTCGCTCAGAAGTCCATGATGAATGGAGGGCTGGCAGAGGTTCTCGGCTGTC
 ATTCAACTTTGCAAAGGCTCTTACGGGAGCAGTACTTGGAGCTGTATAAGCCACTTCTCGATCAGGA
 GAATTAATAATGTGAAGCAGTTATTGCTGACATCCTGGATAAAGGCTCTGGCGTAGTGATTGTTATGGACG
 TCTATTCTTATTCTGGGAAGGAACCTTATGCTATAATCAGTTCTCTGTCTTTGTTGTTGGCTCTGGGGG
 CTTTGGTGGAAAACGGACATCAGAAAACTCAAAGCAGCTGTAGCTGTACCAAATCGACCTCCAGATGCT
 GTACTGAGAGATGCCACCTCACTGAATCAGGCCGCGCTGTACCGCTCAGCGGAGACTGGAATCCTCTAC
 ACATTGACCCGGACTTTGCGAGCGTTGCCGTTTTGAGAAGCCCATATTACATGGACTATGTACCTTTGG
 ATTTTCTGCAAGGCATGTTTTACAGCAGTTTGCAGATAATGATGTATCAAGATTCAGGCGATTAAGGTT
 CGTTTTGCCAAACCAAGTGTATCCAGGACAGACTCTACAACTGAGATGTGAAGGAAGGAACAGAATTC
 ATTTTCAAACCAAGTCCACGAGACTGGAGATGTTGTCATTTCAAATGCGTACGTGGATCTCGTGCCTGC
 ATCTGGAGTTTCAACCCAGACACCTTACAGGGTGGAGAGCTCCAGAGTGCTCTTGTTGTTGGGAGATA
 GGCCGCCGCTCAAGAGTGTGGCCGTGAGGTGGTAAAGAAAGCGAATGCTGTGTTTGAATGGCATAATCA
 CGAAAGGTGGGACTGTTGCAGCCAAGTGGACCATTGACCTGAAGAGCGGCTCAGGGGAGGTGTACCAAGG
 CCCCAGAAAGGGCTCTGCTGATGTGACCATCATCATTTCCGATGAGGATTTTATGGAAGTGGTCTTCGGC
 AAGCTTGACCCACAGAAGGCTTCTTCAAGTGGCAGGCTGAAGGCCAGAGGGAACATCATGCTGAGCCAGA
 AACTACAGATGATCTTAAAGACTATGCCAAGCTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

| | |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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_008292.4, NP_032318.2</u> |
| RefSeq Size: | 2685 bp |
| RefSeq ORF: | 2208 bp |
| Locus ID: | 15488 |
| UniProt ID: | <u>P51660</u> |
| Cytogenetics: | 18 D1 |
| MW: | 79.5 kDa |
| Gene Summary: | Bifunctional enzyme acting on the peroxisomal beta-oxidation pathway for fatty acids. Catalyzes the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids (By similarity).[UniProtKB/Swiss-Prot Function] |

Product images:


Circular map for MR210361