

Product datasheet for **RN205414**

HsdI2 (NM_001025697) Rat Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | HsdI2 (NM_001025697) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | HsdI2 |
| Synonyms: | RGD1305387 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >RN205414 representing NM_001025697
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCCAACACCCGGGAAGCTAGCGGGATGCACAGTCTTTATCACAGGGCGAGCCGAGGCATCGGCA
 AAGCTATTGCCCTGAAAGCAGCAAAGGATGGAGCCAACATCGTCATTGCTGCAAAGACCACCCAAAGGCA
 CCCGAACTCCTTGGCACTATCTACACGGCTGCCGAAAGAAATTGAAGCAGCTGGAGGGAAGGCCTTGCCA
 TGTGTTGTTGACGTGAGGGACGAGCAGCAAATCAACAGTGCAGTGGAGAAAGCTGTGGAGAGATTTGGAG
 GAATTGATATTTTGGTGAACAATGCCAGTCTATTAGCCTGACCAACACATTGGAACTCCGACAAAGAG
 AGTGGACTTGATGATGAGCGTGAACACCAGGGCACCTACCTTACATCCAAAGCATGTATCCCTTTTTTA
 AAAAAGAGCAAAGTAGCTCACATTCTCAATCTCAGCCACCTTGAACCTGAATCCCATGTGGTTCAAAC
 AGCACTGCGCGTACACCATTGCCAAATACGGCATGTCTATGTGTGTGCTTGAATGGCAGAAGAATTTAG
 AGGTGAAATTGCAGTCAATGCCCTTAGCCTAGAACAGCCATACACACTGCTGCTATGGATATGCTGGGA
 GGAGCTGGTGTGAAAGCCAATGTAGAAAAGTTGACATCATTGCGGATGCTGCGTATTCCATTTTCAAAA
 GGCCAAAAGTTTTACTGGCAACTTTATTATTGATGAAAATATCTTAAAAGAAGAAGGAATAAAGGATTT
 TGATATCTATGCAATTACACCAGGTACCCCTTGTACCAGATTTCTTCTTAGACGAACCCAGATGCA
 GTTATGGAGGAAAAAGAATCCTATGACCCTGTGCCAGAAGTAAAAGAAGAGAAGCTGCAGTTGCAGGAGC
 AGCCACAGCTGCAGGAGCAGCCACAACCTGCAGGAGAAGCCACAGCTGCAGGAGCAGCCACAGCTGCAGGA
 GAAGCCACAGCTGCAGGAGCAGCCACAGCTGCAGGAGCAGCCACAGCTGCAGGAGCAGCCACAGCAGCAG
 CCACAGCTGCAGGAGCAGCCACAGCTGCAGGAGAAGCCACAGCTGCAGGAGCAGCCACAGCAGCAGGAGA
 AGCCACAGCCACAGCAGCAGCCACAGCAGCCACAGCAGCGGCCACAGCAGCGGCCACAGCCACAGCC
 ACAGCCACAGCCACTGCTGCAGTCAAGTGTCTACCACAAAACCACACTTTGGAGCTGTAGAAGAGACATTT
 AGAATTGTTAAGGATTCTCTCAGTGATGAAGTTGTTAGAGCCACACAAGCTGTCTATCAGTTTGAAGTCT
 CAGGTGAAGATGGGGCACGTGGTTTCTGGATCTGAAGAGTAAAGGCGGGAAGGTTGGACATGGAGAGCC
 CTCTGACCGGGCAGAGCTAGTGATGAGTATGGCCACTGAAGATTTTGTCAAATGTTTTAGGGAAGTTA
 AAGCCAACCATGGCATTATGTCAGGAAAGTTGAAGATTAAGGAAACATAGCCCTAGCAATCAAATTGG
 AGAAGCTAATGACCCACATGAATCCAGACTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001025697
- Insert Size:** 1575 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_001025697.1](#), [NP_001020868.1](#)

RefSeq Size: 2037 bp

RefSeq ORF: 1575 bp

Locus ID: 313200

UniProt ID: [Q4V8F9](#)

Cytogenetics: 5q24

Gene Summary: Has apparently no steroid dehydrogenase activity.[UniProtKB/Swiss-Prot Function]