

Product datasheet for MR229533

Hsd12 (NM_001301367) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hsd12 (NM_001301367) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hsd12
Synonyms:	2610207116Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR229533 representing NM_001301367 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATGAATGTGAACACCAGGGCACCTACCTTACATCCAAGCATGTATTCCTTTTTAAAAAGAGCA
AAGTAGGTCATATTCTCAATCTCAGCCACCCCTGAACCTAAACCCACTGTGGTTCAAACAGCACTGTGC
TTATACCATTGCCAAATATGGCATGTCTATGTGTGTGCTTGGGATGGCTGAAGAATTTAGAGGTGAAAT
GCAGTCAATGCCTTATGGCCTAGAACAGCCATTACACTGCTGCTATGGATATGCTGGGAGGATCTGGTG
TTGAAAACCAATGTAGAAAAGTTGACATCATTGCGGACGCTGCATATTCCATTTTCAAAGGCCAAAAAG
TTTTACTGGCACTTTATTATTGATGAAAATATCTTAAAAGAAGAAGGAATAAAAAATTTTGATGTCTAC
GCAATTGCACCAGGTCATCCCTTGTACCAGGATTTCTTCTTAGATGAACACCCAGATGCAGTTATGGAGG
AGAAAGAATCAAATGACTCTGTGCCAGAAGTAAAAGAAGAGAAGCTGCAGCTGCAGGAGGAGTCACAGCT
ACAGAAGCAGCCACAGCTGCAGGAGCAGCCACAGCTGCAGGAGAAGCCACAGCTGCAGGAGAAGCCACAG
CTGCAGGAGCAGCCACAGCTGCAGGAGAAGCCACAGCTGCAGGAGCAGCCACAGCAACGGGAACAGCCAC
AGCTGCAGCAGCAGCCACGGCCACGGCAACAGCCACAGCCATTTGTGCAGTCAATGCTACCACAAAAACC
ACATTTTGGAGCTGTGGAAGAAACATTTAGAATTGTTAAGGACTCTCTCAGTGATGAAGTTGTTAGAGCG
ACACAAGCTGTCTATCAGTTTGAACCTCAGGTGAAGATGGTGGTACGTGGTTTCTTGATCTAAAGAGCA
AAGCGGGGAAGTTGGACACGGAGGCCCTCTGACCGGGCAGACGTGGTGTGATGAGTATGGCCACTGATGA
TTTTGTCAAAATGTTTTAGGGAAATTAAGCCAACCATGGCATTATGTCAGGAAAGTTGAAGATTAAG
GAAAACATAGCCCTAGCAATCAAATTGGAGAAGCTAATGACCCAGATGAATTCTAGACTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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ORF Size:	1110 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001301367.1 , NP_001288296.1
RefSeq Size:	2714 bp
RefSeq ORF:	1113 bp
Locus ID:	72479
Cytogenetics:	4 B3
MW:	42.3 kDa
Gene Summary:	Has apparently no steroid dehydrogenase activity.[UniProtKB/Swiss-Prot Function]