

Product datasheet for **RN200814**

Ivd (NM_012592) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ivd (NM_012592) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ivd
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200814 representing NM_012592 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGACTGCAGTCCGGCTGCTGGGGCGGCGAGTTCCAGTTGGAGACTGCGGCCCTTACCCTCGCCCC
TTGCTGTCCCGCAGCGGGCCCACTCGATGTTGCCTGTGGATGATGATATCAACGGGCTAAACGAGGAGCA
GAAGCAGCTTCGTCATACGATATCTAAGTTCGTTCAAGAGAACCCTGGCCCCAAGGCCAAGAGATTGAT
CAAAGCAATGACTTCAAGAACCTGAGAGAGTTCCTGGAAGCAGCTGGGAAGCCTGGGAGTCCCTGGGCATCA
CAGCCCCCGTTCAGTATGGTGGCTCTGGCTGGGCTACCTAGAACATGTGTTGGTATGGAAGAGATATC
CCGGGCTTCAGCAGCTGTGGGGCTCAGCTATGGCGCTCACTCCAACCTCTGCATCAACCAGATTGTCGGC
AATGGGAATGAGGCACAGAAAGAGAAATATCTTCCCAAGCTCATCAGTGGTGAGTTCATCGGAGCCCTGG
CCATGAGTGAGCCCAACGCTGGCTCTGACGTTGTCTCCATGAGGCTGAAAGCAGAGAAGAAAGGAGATCA
CTACGTTCTGAATGGCAACAAGTCTGGATCACCATGGCCCTGACGCTGATGTCCTAGTTGTCTATGCC
AAGACAGACTTGACTGCTGTGCCTGCGTCTCGGGGCATCACAGCCTTCATTGTGGAAAAGGATATGCCTG
GTTTCAGCACCTCGAAGAAGCTGGACAAGCTAGGCATGAGGGGCTCCAACACCTGTGAGCTAGTCTTTGA
AGACTGCAAGGTTCTGTGCTAACATCCTGAGCCAAGAGAGTAAGGGTGTCTACGTAAGTATGAGCGGG
CTGGACCTAGAACGCCTGGTGTGGCAGGTGGACCCCTTGGGATCATGCAGGCTGTCTGGACCACACCA
TTCCCTATTTGCATGTGAGGGAAGCCTTTGGCCAGAAGATCGGCCAATTCAGCTGATGCAGGAAAGAT
GGCTGACATGTACACCCGCCTCATGGCATGTGACAGTATGTCTACAATGTGCCAGGGCCTGTGACGAG
GGCCACATCACTGCCAAGGACTGTGCTGGTGTGATTCTGTATACAGCCGAGTGTGCCACACAAGTAGCCC
TGGATGGCATTCAATGTTTAGGTGGAATGGCTACATCAATGACTTCCCCATGGGCCGCTTCTTCGAGA
TGCCAAACTGTACGAGATCGGAGGTGGGACCAGTGAGGTGAGGCGGCTAGTCATTGGCAGAGCTTCAAC
GCAGACTTCCGC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_012592
Insert Size:	1275 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:	<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_012592.2</u> , <u>NP_036724.1</u>
RefSeq Size:	1783 bp
RefSeq ORF:	1275 bp
Locus ID:	24513
UniProt ID:	<u>P12007</u>
Cytogenetics:	3q35
Gene Summary:	is an acyl-CoA dehydrogenase involved in leucine metabolism [RGD, Feb 2006]