

Product datasheet for **SC212100**

ADI1 (NM_018269) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ADI1 (NM_018269) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ADI1
Synonyms:	APL1; ARD; Fe-ARD; HMFT1638; MTCBP1; mtnD; Ni-ARD; SIPL
ACCN:	NM_018269
Insert Size:	1627 bp



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Insert Sequence: >SC212100 3'UTR clone of NM_018269
The sequence shown below is from the reference sequence of NM_018269. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TACGTGAAATTTCTGGCACAGACCGCCTAGCAGTGCCTGCCTGGAACTAACACGTGCCTCGTAAAGGTC
CCCAATGTAATGACTGAGCAGAAAATCAATCACTTTCTCTTTGCTTTTAGAGGATAGCCTTGAGGCTAG
ATTATCTTTCCTTTGTAAGATTATTTGATCAGAATATTTGTAATGAAAGGATCTAGAAAGCAACTTGG
AAGTGTAAGAGTCACCTTCATTTCTGTAACCAATCAAGACTGGTGGGTCATGGCCCTGTGTTAGT
TCATGCATTAGTTGAGTCCCAATGAAAGTTTCATCTCCCGAAATGCAGTTCCTTAGATGCCCATCTG
GACGTGATGCCGCGCCTGCCGTGTAAGAAGGTGCAATCCTAGATAACACAGCTAGCCAGATAGAAGACA
CTTTTTCTCCAAAATGATGCCCTGGGGTGGGAGTGGTAGGGGAAGAGCTCCACCCCTAAGGGGCAC
ACACTGAGTTGCTTATGCCACTTCCTTGTCAAATAAAGTAACCTTAATCTTATACTCATGGCTT
GGAGTTACCTTATATTCAGGTATATGTGATATTTGCCTGGTTTGTAAAATTGCCCATTTAGATTCC
TTCTATAATTGTTCTTATAGATAAGTAATTTATATATGAGCTGTGTTAGTATTTTTTCAGTGTGAGATC
TCTGGATTCTTTCACAATAAAGCTGTTGAATTTAACAGGAGTATTAGTACATAAATTTCTACTCAAC
AATTCCGAGATAGGATTATGCCTAGTTTGCATATCACAGAAAACTCCAAGTAACTTCATGTTTTGG
AAGGGCAGGTCGTTTTAAAGTATTTCTTTTTAACTGGATGAAAACTTTCATGTTAGGATTAATTT
TCTTAATCACCTCCACTGTACAGAGGAACTCAAGCCTTAAATGTTTAAAGTAACTCTGTCTCAGTT
TTAGGATTAATAACCCACCGTGGTGTGATGATGCCATATACCGCAGGGCTTCTTCTGCAAGTGTG
ACTCTATCTCAGTAATTAATAAAGTCTGATCTACTGATTTTTTTTTAATGGATTCATTTCTAAATGGG
CATTATAAATAGAGCTTGTTCATTTTTAAGAACGAAACATTCATATGATAAACTATCGCTTTAAATTGC
CTTTCTTGCTTATATACTTTCCCTGTGAGGATCCTTAGTGTGTTGAACTCCTCGTGGGGGCTGGC
CTCCTGCGGACTCTAGTTTCGCCTCCTTGATGTGGCGCCTGGGATTTCTCACTTCAGAGCTGATTTTT
TACAGGCAAGAGTAAGTTCCTGGGCACAGTGGCTCATGCCTGTAATCTCAGCTACTCAGGAGGCTAAGG
TGGGAGGATTCCTAGAGCCTGGGAGTGCAGGCTGCAGTGCAGTGTGATTGTGGCCACTGCACTCCAGC
CTGGGTGACAGAGCGAGACTCTGTCTCAAAAAAGAAGAAAGAGTAAGAGCTGAGGCATATAATAGAATT
CTGCTAAAGCACTTAAGGTGAAATCACATTTCTTTCCAGGATGTTGCTCACATCTTTGTTTTTAT
TGAGGTGTCATTTATATAACAATAAATGTACTCATTTTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_018269.4](#)

Summary: This gene encodes an enzyme that belongs to the aci-reductone dioxygenase family of metal-binding enzymes, which are involved in methionine salvage. This enzyme may regulate mRNA processing in the nucleus, and may carry out different functions depending on its localization. Related pseudogenes have been defined on chromosomes 8 and 20. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015]

Locus ID: 55256

MW: 61.9