

Product datasheet for SC109513

CDA08 (ITFG1) (NM_030790) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDA08 (ITFG1) (NM_030790) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDA08
Synonyms:	2310047C21Rik; CDA08; LNKN-1; TIP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>SC109513 representing NM_030790. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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CGGGCCGGAATTCGGCACGAGGCGGAAGGGCAGCCCTAGTGGGAGAGAGAAAAAGGAGCCGGCAGCGG
CTCTTACGCGTCCCGGGGCTGCGCGCCACTCTCTCGGCCGTAACGCGGTGCTTTGCGGCTGTCGTCAA
GCGCGGGCTTGGGCCGGCGGGGGGCTGAGGGGCTGCCATGGCGGGCGGGCCGGCTCCCGAGCTC
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GCTGCACAACGTACGGCCGAGCTCTTTGGGGCCGAGGCTGGGGCACCTTGCGGCTTTGCGGGACCT
CAACTCCGACAAGCAGACGGATCTTTCGTGCTGCGGAAAGAAATGACTTAATCGTCTTTTGGCAGA
CCAGAATGCACCCTATTTAAACCCAAAGTAAAGGTATCTTCAAGAATCACAGTGCATTGATAACAAG
TGTAGTCCCTGGGATTATGATGGAGATTCTCAAATGGATGTCCTTCTGACATATCTTCCAAAAATTA
TGCCAAGAGTGAATTAGGAGCTGTATCTTCTGGGGACAAAATCAAACATTAGATCCTAACAAATGAC
CATACTCAATAGGACTTTTCAAGATGAGCCACTAATTATGGATTTCAATGGTGATCTAATTCCTGATAT
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TTTAGCTCTCCAACCTACCATACAACGTGCTTGGTTTAGGTCCGGAGCGCAAATTTCTTGACCATCTCTA
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 ACATGTCTTCTTAATAAATATTCTTATTGAAACAAAAAAAATAAAAAACTCGACTCTAGATTGCGG
 CCGC

**5' Read Nucleotide
 Sequence:**

>OriGene 5' read for NM_030790 unedited
 CATATTTGTAAACGACTCACTATAGGNNCGCCGCGCAATTCGGCACGAGGGCGGAGGG
 CAGCCCTAGTGGGAGAGAGAAAAAGGCCGCGAGCGGCTTACGCGTCCCGGGCTGCG
 CGCCACTCTCTCGCCGTAACGCGGTGCTTTGCGGCTGTCGTCAAGCGCGGCGTTGGGC
 CGGCGGGCGGGGCTGAGGGGCTGCCATGGCGGCGGCGGGCCGGCTCCCGAGCTCCTGGG
 CCCTCTTCTCGCCGCTCCTCGCAGGGCTTGCACTACTGGGAGTCGGGCGGCTCCAGCGC
 GGGCGCTGCACAACGTCACGGCCGAGCTCTTTGGGCGGAGGCCTGGGGCACCTTGCGG
 CTTTGGGGACCTCAACTCCGACAAGCAGACGGATCTCTTCGTGCTGCGGAAAGAAATG
 ACTTAATCGTCTTTTTGGCAGACCAGAATGCACCCTATTTAAACCCAAAGTAAAGGTAT
 CTTTCAAGAATCACAGTGCATTGATAACAAGTGTAGTCCCTGGGATTATGATGGAGATT
 CTCAAATGGATGTCCTTCTGACATATCTTCCACAAATTATGCCAAGAGTGAATTTACGA
 GCTGTTATCTTCTGCGGACANAATCAAACATTAGATCCTAACAATATGACCATACTCAAT
 AGGACTTTTCAAGATGAGCCACTTAATTATGCATTTCAATGGTGTCTAATTCCTGATAT
 TTTTGGTATCACAAATGAATCCCACCAGCCACAGAACTATTANGAGGAAATTTATCATG
 GCATTCAGCCTTGACCACTACAAGTTAAATGCGAATCCCACAATTTTATGCATTTATTGA
 CCGGACTGAAAAATTTACCGCAGATCTTATTCTGACGAACTTGATGGCACCACATAAA
 CTTTCCATTGGAAAAATGGAAAAATGGAAGAACTCCTTTGTGACCAAAAT

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_030790 unedited GGCACGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGTTCATAAGGAATATTTAT TAAGAAGACATGTTAACATGCTTAGATACAAAGTAAAAACACATGCCAATCTCAGTGAAC TATAAAGAAAAAATAAGAACAAAATTGTTTTTCAGAGAAATTTTTGTGTTTTATAGGCAT CACATGTCATTTGCATACTAGAAAATTATTAGCATTGATAAACTTTTTTTTTTTCAGTCT TAAAGCTTTTTAAAGTAACTTTTTGGAAATGTGAAGTTCACAATACAAAATTTGCATTG AAGTCTGAATGTAATTATAGACTTCTCCAAGTGTGGAGAATAGAAATGTGATTGAAGA TTTGCATTCCCAGATGCTGCCTACAGCAGTTTCCTTTCAAGAAATCAAATGTTCTTCATT ATCACATGATAAGGATAAGTTTTTGGAGGAAAATTTTTAGGGCACATTAATTCTTGGAGA GTAATAATTTTTAGTTAATATGAGCAAGTAAATCTTTATGTCAATCACCAAAAATTTA GCTTTTCAAAGAATATTTCTTCATGCCTGAAAATAAAATTTCTATCAAGTCTATGTATTT CTATAATTAGATGTATAAGTCTAATAAGATCATCTAAAATATTAATAATGACAACTACCA CATATTGACCACTACTCTGTGCTAAGCACCAAGCTAAGCACTTCACATACATCATCCCA TTAATGTTTACAGTAACTCAAGTATTAGCCCCACTGAATAAACAGGAAAATGAGGTTT ACAGAGGTTTAAACAAAGGCCAGTTCANACAATGACTTTTGTAGTGGGTGAATTANGAGT TTAAGGCAGTCTGTCTTACGGTGTACCAGTCAGATACCCGATCACTTATTGNATGCATC AGTGAGACCCTGACCTGCTGGATGAGCTGAATGCTAATGACTCGGAATATTCACAAGTGT ATTTGCTCATAGATTAGAGCAG
Restriction Sites:	NotI-NotI
ACCN:	NM_030790
Insert Size:	3385 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_030790.2
RefSeq Size:	2262 bp
RefSeq ORF:	3385 bp
Locus ID:	81533
UniProt ID:	Q8TB96

Cytogenetics:	16q12.1
Domains:	FG-GAP
Protein Families:	Secreted Protein, Transmembrane
MW:	130.6 kDa
Gene Summary:	Modulator of T-cell function. Has a protective effect in graft versus host disease model (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).