

Product datasheet for RN212403

Cfd (NM_001077642) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cfd (NM_001077642) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cfd
Synonyms:	Adn; Df; EVE
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212403 representing NM_001077642 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCACAGCTCCGTGTACCTCGTGGCTCTGGTGGTCTGGAGGCGGCTGTATGTGTTGCGCAGCCCCGAG
GTCGGATTCTGGGTGGCCAGGAGGCCATGGCCCATGCTCGGCCCTACATGGTTCAGTGCAAGTGAATGG
CACGCACGTGTGCGGTGGCACCCTGGTGGATGAGCAGTGGGTGCTGAGCGCCGCGCACTGCATGGATGGA
GTGACCAAGGATGAGGTTGTGCAGGTGCTCCTGGGTGCCCACTCCCTGTCCAGTCCCTGAACCCTACAAGC
ATTTGTATGATGTGCAAAGTGTAGTGCTTCACCCGGGCAGCCGGCCTGACAGCGTTGAGGACGACCTCAT
GCTCTTTAAGCTCTCCACAATGCCTCACTGGGTCCCATGTGAGACCCCTGCCCTTGCAACGCGAGGAC
CGGGAGGTGAAACCCGGCAGCTCTGCGATGTGGCCGGTTGGGGCGTGGTCACTCATGCGGGACGCAGGC
CCGATGTCCTGCAGCAACTGACAGTGTCAATCATGGACCGGAACACCTGCAATCTGCGCAGTACCATGA
TGGGGCAATCACCAAGAACATGATGTGTGCAGAGGCAACCGCAGGGACACTTGCAGGGGCGACTCCGGC
GGTCTCTGGTGTGCGGGGATGCGGTGGAAGCTGTGGTACGTGGGGATCTCGAGTCTGTGGCAACCGGA
GAAAGCCAGGTGTCTTTACCCGCGTGGCAACCTACGTGCCGTGGATTGAAAACGTCTGAGTGGTAACTG
GAGTGTTAACGTGACGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001077642
Insert Size:	792 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_001077642.1</u> , <u>NP_001071110.1</u>
RefSeq Size:	846 bp
RefSeq ORF:	792 bp
Locus ID:	54249
UniProt ID:	<u>P32038</u>
Cytogenetics:	7q11
Gene Summary:	serine protease adipocyte-specific protein mediated by the Notch/Hes-1 signaling pathway; can be used as a fecal biomarker for abnormal intestinal epithelial differentiation [RGD, Feb 2006]