

Product datasheet for **SC102939**

C10orf137 (EDRF1) (BC029650) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C10orf137 (EDRF1) (BC029650) Human Untagged Clone
Tag:	Tag Free
Symbol:	C10orf137
Synonyms:	C10orf137
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC029650, the custom clone sequence may differ by one or more nucleotides

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AAAACTAATAAGACCTAGTAAGACCCACAGTGGGGGAAAAATAACTAAGAAGCACTTAGTGAAGCCTGAA
GTAGTTACCGTGAAGGATTTGTTGCTTGTGGTTTGGTTCTAGGTTGGTGATGAACACCTTAGGAAAC
AACACCGGTGCTGGCAGATCTTCATTACAGCAAGGCCGAAAGCTGTTTCAGCTGCTGAAAGATGCTCC
CTGCGAACTGCTTAGAGTACAGCTAGAGAGAGTAGCATTGCTGAATTCAGATGACCAGTCAGAATAGC
AATGTTGAAAGTTGAAACACTATCTGGGCTCTTGATATAATGGTGAGAACTGAGCACGCATTCCAGC
TTATCCAGAAGGAGCTTATAGAAGAATTTGCCAGCCTAAGAGTGGTGACGCCGCTGCAGCTGCTGATGC
TTCTCCTAGTCTCAATCGAGAAGAAGTATGAACTCCTCAGTATATTTGAGTCTCGGTTGTCATTTCTT
CTCCTCAGTCCATTAAGTCTATCTTCAACTAAAAGAAAACAAGCAATAACATCGAAGATGACACAA
TTCTCAAACCAACAAGCACATTTACTCCCAGCTTTTGAGAGCAACTGCAATAAAAACCGCGACTCTTCT
GGAAAGAATCAACGTTATCGTCCACCTGCTGGGCCAGCTTGCCGCCGGCAGTGCAGCGAGCAGCAATGCC
GTTTCAGTGACTGCACAGAGCCGTGTCAGACAGCTGTCAGTGCCTTCAACACGGAGCCGGTTTGTTC
TTCGGTGCTTTGTTTCATTAATAATAGGGAAATATCCATTTAAACAGGTATATCAGTGGAAACACAGA
GTTATTTAAGTGACAGACAAATACGGTTGAGTCTGTGGCTTCTTCACTTGAAGTGCTAACATCAGAA
TCAAACTTAAAGCTTCCACTATTTATGTCTTTGAGAAGTATGTAGTACCTCGGTATTAACAGACCTGCTG
TGATGCAGTTACACTTTCACGTATTTTGAAGTATGTCAAGTACACGGGTCTAAGATATGATTATTTTG
GATAAAATGTTACTTTGGTCAAGAGAAGCTTTTATCCAGATGACATTACAGGTTCAAGTGGGTTAAGGAGA
CCTCCTGTACATCTACAGTGTTCCTTTTAAATGTCCAGAAAAAAGGTGTGTTCTTCATTAAGCTTCAGT
GCAGGATTTTTCAAAGACGAGCTGTTGTGCAATTTGCTGTATTTAATGCATGTTCTGAAAGGATTCACTT
TTGACTTTATATGACAGTTGATCAAGAACAGGTACTACCCCTTTTTTTCATTTCAAACCTGAAACTGTGA
ATAAGGTAAGAAAATTTTTGAATAAATAAACTATTTATTTAAATGTCAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for BC029650 unedited TATTTTGTAAACGACTCACTATAGGGCGGCCGGAATCGGCACGAGGCAAGTATTAAG AGAATGGGTAACATTAGAAATGAAATTGGTGTGTTTTACATGAATCAGGCTGCTGCATTA CAGAGTGAGAGACTAGGGAATTCACAACCTTGAATCAATTGAGGATGCCACCAATGCCGC CCTTTTATTATGTAAACACGGGAAGGCTCATGCGGATTTGTGCGCAGGCCCACTGTGGTGC AGGGGATGAACTGAAACGTGAATTTTACCAGAAGAAGGCTTGTATTATAATAAGGCTAT TGATTACTATTTGAAAGCGCTAAGGTCATTGGGAACACGAGACATACACCCAGCTGTTTG GGATTCAGTGAACGGGAATTGTCCACTACTTACTTTACTATGGCAACTCTACAGCAAGA TTATGCTCCGTTATCTAGAAAAGCTCAGGAGCAGATTGAGAAAAGAAGTCAGTGAGGCCAT GATGAAGTCCCTAAAATACTGCGATGTGGATTCACTGTCTGCTCGACAGCCCTTTGTCA GTATCGAGCTGCAACCATCCATCACAGGCTGGCCTCCATGTACCACAGCTGTCTGAGGAA TCAGGTTGGTGTGAACACCTTAGGAAACAACACCGGGTCTGGCAGATCTTCATTACAG CAAGGCCGCAAAGCTGTTTCAGCTGCTGAAAGATGCTCCCTCGCAACTGCTTAGAGTACA GCTAGAGAGAGTAGCATTGCTGAATTTTCAGATGACCAGTCAGAATAGCAATGNTGGNAA AGNTGAAAACACTANTCTGGGGCTCTTGATATAATGGNTGAGAACTGAGCACACATTCCA GCTTATCCAGAANGGAGCTATAGAAGAAATTGCCAGCCTAANAGTGTGACGCCGCTGCGC TGCTGATGCTCTNCTATCTCATCGAGAGAGTGATGAACTCTCAGATATTGAGTCTCGGTG TCATTTCTCTNCTCAGNCATTAAGTCTTCTCACTAAAAGAACAGCAT
Restriction Sites:	NotI-NotI
ACCN:	BC029650
Insert Size:	2000 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:	BC029650.1
RefSeq Size:	1417 bp
RefSeq ORF:	1417 bp
Locus ID:	26098
Cytogenetics:	10q26.2

Gene Summary:

This gene may play a role in erythroid cell differentiation. The encoded protein inhibits DNA binding of the erythroid transcription factor GATA-1 and may regulate the expression of alpha-globin and gamma-globin. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]