

Product datasheet for **SC314722**

C10orf137 (EDRF1) (BC026172) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C10orf137 (EDRF1) (BC026172) Human Untagged Clone
Tag:	Tag Free
Symbol:	C10orf137
Synonyms:	chromosome 10 open reading frame 137; EDRF1; erythroid differentiation-related factor 1; MGC125705; RP11-383C5.6
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for BC026172, the custom clone sequence may differ by one or more nucleotides

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ATGGGGGATGCCAAGGAGGCCGGAGCCGAGGGTCCGCCGGCCGGGGCCGCCGCTCGAGGA
GGGCTCAGCCTCCTGTCCCAGGGAGAATCCGAGGAATCTTCTGCACAGGGATCAGCTTTA
TTTCTTGGAGGCAATGAAGTGAAGAGCCGAGCTGTGGTGAATACTCTTCTGCCCTCCT
CGAACAGCATTTCACGCCTTGAAGAGAAAACAGACTTGAAACTCCCACCTGCCAACTGG
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AGCAAGCCATTTTCAAGCTTTGGCATGGCATATGACTTTATTGATTCAAGTGGGAAATGAT
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ATTCAAGAACTCTTTATGAGATCGTCTCAGACTGGTACTGGACATGGTTGAAAGAGTTT
TATCAAGACTCATTGATCAGAAGTGGCAGAGGAAGAAAAGAGCAAAGAGCACTGGTAT
CAAAAGGCAATTCTTTCCAAGTTTTTATATTACAGTATCAATGGTGATGGAGCCGCTCAG
CCTGTCTCATCCACCGCAGAACAGCAGGAATCGTCCAGTTCAGATCAGACAAATGATTTCG
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GCTTCCAGTCAGGGAAGTGAACCTCTTGAACCTCATACATAGTGGGGCATGTGGCTCA
GCCCCCAAGAACAACCTGATTACTTTATTCAATGACGGGGAGCACAGTCAGGGTCTT
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GAATCCTCAAGAGGGGGTCCCGAGGGGCTAGAGAAGCAGATGGCCTTGTTTTGGACAAA
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CAACATAAAATGAAACTTCAGCTGATTCTCAAGTCATCAAAGGCCTATTATGTTTTGTCC
GATGCTGCCATGAGTCTTCAGAAATACGGAAGAGCATTACGATACATTAAATTAGCTTTG
CAAAGCCATGATACTTATTGCTGCCTCTGCACCAATATGCTTTCCGAAGTGTCTGTTT
CTCTCTCAATATTTGACACTTTGTGGTGATATCCAATAATGCTGGCCCAAGATGCAAAAT
AATAGAGCAGCACCTTGAAGAGTTTCAATACCAACAAAAGAAGACCAGGAGATCCTG
CATAGCCTTCACAGAGAGTCCAGTTGCCAAGGCTTTAAACTGGGAAG

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Restriction Sites: Please inquire

ACCN: BC026172

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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	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:	BC026172.1 , AAH26172.1
RefSeq Size:	4255 bp
RefSeq ORF:	2391 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]