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Product datasheet for MC224023

Edrf1 (NM_178115) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Edrf1 (NM_178115) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Edrf1
Synonyms:	2700050L05Rik; AU022667; AW558805
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224023 representing NM_178115 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGATGGGGGACCCCAAGGAAGCAGGAGCCGAGGCTTCTCCTTCAGGGGCGGCCGCCCGAGGAGGGCTCA GCCTCCTGTCCCAGGCGGACTCCGAGGAGCCTTCTGCACAGGGATCGGCCTTATTTCTTGGAGGCAACGA AGTGAAAAGCAGAGCTGTGGTAAAATACTCTTCTGCCCCTCCTCGAACAGCGTTTGCACGTCTCGAAGAA AAAACAGACTTGAAACTCCCACCTGCCAACTGGTTACGAGAGAGTGCCAAACTAGGGCCAGCAGGAACCA CCATTCTTGGCAATAGTAAGAAAAGCAAGCCGTTTTCAAGTTTCGGCATGGCGTATGACTTCATTGACTC GGTGGGAAATGATGTGGATGTCGTCTCCGACTCAGAAAACATAAAAAAGCTCCTGAAGATTCCCTACAGC AAGTCCCACGTGAGCATGGCTGTGCACCGCATAGGAAGGACCCTCTTACTAGATGAGCTGGACATTCAAG AACTCTTTATGAGGTCATCTCAGACTGGTGATTGGACATGGTTGAAAGAGTTCTATCAAAGACTGATCGA TCAGAAGTGGCAGAGGAAGAAGAAAAGCAAGGAGCACTGGTATCAGAAGGCTATTCTTTCCAAGTTCTTG TACTACAGCATCAATGGTGATGGAGCTGCGCAGCCTGTCCCGTCTCCTGCAGAACAAGAAGAGTCATCGA GTTCTCAGCAGACACATGAGTCTGAAGGGGCCGCCTGGCCTGCTCCCTTTGAAATGCCCTCTTCCGTGTC TGAGGATCCCAGTGCTTCCAGTCAGGGCAGGGAGCCTCTTGAGCCCTCATGCATAGTGGGGCATGTGGCC TCAGCACCTAAAGAGCAAAACCTTACTACTTTGTTCAATGACGGGGAGAACAGTCAGGGTCTTAAAAATG ATTTCGTCCGGAATATCCTGTGGACTTTTGAAGATATTCATATGCTAGTTGGGTCTAACATGCCTATATT TGGTGGAGGCAGATATCCAGCAGTTAGCTTACGTCTCAGGGATAACAACAAACCGATTAACGTGTTAACT GGAATAGACTATTGGTTGGACAACCTGATATGCAATGTTCCAGAGCTCGTGATGTGCTTCCATGTTAACG GGATCGTACAGAAATATGAAATGATAAAGACAGAAGAAATCCCCAATTTGGAAAACTCTAATTTTTCTAC CAAAGTTATAAAAGACATTGCACAAAATATTTTATCATTTCTTAAATCTAATTGTACCAAAGAAGGGCAT ACCTATTGGCTCTTTAAAGCAAGCGGCAGTGATATTGTGAAACTCTACGACCTCACGACTCTGTGTGAAG AAACTGAAGACAAGTACCAGAACCCATTCACAATGCCAGTGGCTATCCTCTTATACAAGGTTGCTTGTAA CATGATGATGAAGAAAAATCAAAACAAGAAACACTATGGAACTATTAGAACATTGCTTCTCAACTGTGTT

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AAGTTGTTGGACAAAAGCAGACATCCTCAAATTATTGCTTCAGCCAACTACATGCTTTCAGAGCTTTTCC
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TCTCCTTCAATCCATCAAACTGATGTCGTCATCTAAAAGGAAAATGAGCAGTAACGCTGAAGAAGACATA
GTCCTCCAAACCAACAAGCAGATTTACTCCCAGCTTTTGAGAGCGACTGCCAACAGAAACTCAACTCTGC
TGGAAAGAATTGAAGTCGTCATCTGTTTGCTGGAGCAGCTTGCCTCCGGTAGCAGCCGATCGAGTGGCAG
TGCTGTCCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_178115

Insert Size: 3723 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).

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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:	NM_178115.4, NP_835216.3
RefSeq Size:	5338 bp
RefSeq ORF:	3723 bp
Locus ID:	214764
UniProt ID:	Q6GQV7
Cytogenetics:	7 F3
Gene Summary:	Transcription factor involved in erythroid differentiation. Involved in transcriptional activation of the globin gene (By similarity).[UniProtKB/Swiss-Prot Function]

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