

## Product datasheet for **RN215524**

### **Cuzd1 (NM\_054005) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cuzd1 (NM_054005) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cuzd1
Synonyms:	ERG1; Itmap1; Uo; UO-44; Utczp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN215524 representing NM\_054005  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGTCACTGGAAGGCTGTTCATTTGGGCCATTTAGCTGTCTCCTGTAGGGCAGACTCAATTCTA  
 CAGCAGCTGAAGGCAGACCAAGATGCACGCCAGTCTGGGAGGGCCAATCTGGGAGAGACCCACAAGGC  
 TCTGATCCTAAATCTCAATGCTGATGAGAAGTGCACCTGGACCATAGAGAGACCTGAAAAACAGGAGCATC  
 AGAATCATCTTCTCCACATCCAGTTGGATCCAGACAGTCGGTGTGAAAAAGAAAGCATTAAAGGTGTTTG  
 ATGGACGCTCCACCAGTGGGCTCTGCTAGGGGAGGCCTGCAGCAAAAATGACTTCGTGCCTGTGTTTGA  
 GTCATCGGCCAATTCAGTACGTTTCAGATAGTCACTGACTGGACAAGGGTTCAAAGGAGTGTCTTTATC  
 TTCTACTATTTCTTTCTCTGTTACCCTATTCCAACTGCGGTGGTTACCTGCAAACATTGGAAGGAT  
 CCTTCAGCAGCCCAATTATCCAAGGCCACACCCTGAGCTGGCATACTGTGTGGCACATAACAAGTGA  
 GAAAGGCTATAAGATAAACTTGAATTTACAGAGCTCTTCTAGAAATGGATGAATACTGCCGATTTGAC  
 TTCATCGCAGTCTACGATGGCCCTCTACCACATCGGGCTTGCTCAAACAGGTGTGCGGCCGTGGGACAC  
 CTACCTTTGAGTCTTCTCTGATGCCATGACTGTTGTGCTGTCTACAGATTATGCCAATTCCTACAGAGG  
 CTTCTTTGCTTCTACGCTTCAACCTACGTACAAGAGGTCAACACTCACTCTTTAAGTTGTGCTTCTGAC  
 AAGATGAGAGTCACTACAGCAAGTCACTACCTACAGTCACTTAACCTACATGAGAGCAATTTGCAGCTAA  
 ACGACCCGACTTGCAGACCGAGTGTATCAAACGTTGTAGAGTTCTCTATCCCTCTGCATGAATGCGGTAC  
 AATCAAAAAGATAGAGGACCACACTATCAGTTATACGAACATAATCACCTCACCCAGTCTCCAGAACTCT  
 GCCGTGATCACCCGAAAGAGGCACCTTCAGATTGTTGGTGACGTGTGAGATGGAGTATAATTCAACTGTGG  
 AGATTCTGTACATAACCGAAGACGACGTCATACAAAATCAAAGTGTCTGGGCAAATACAACACCAGCAT  
 GGCTCTTTATGAGTCCGGCTCCTTTGAAAACCTTATACAGGAGTACCGTATTATGTAGATTTGAACCAA  
 ACCCTTTTGTCCAAGCCACTTTGCACACCTCAGATCCAAGCCTGGTGGTGTCTGACACTTGCAGAG  
 CCTCTCCACATCCGACTTTGCATCTCCAACCTATGACTTAATCAGCAGCGGGTGTAGTCGAGATGAGAC  
 CTGTGAGGTGTACCCCTATTTGGGCACTACGGGAGATTCCAGTTCAATGCCTTTAAATCTTGAGACAT  
 CTGAGTTCTGTATCTCAAGTGAAGATTTGATCTGTGATACCAGTGACCACACATCTCGCTGCAATC  
 AAGGCTGCGTCTCAAGAAGGAAACGAGATTCCTTCATACAAATGGAAGACTGATTCTGTTATAGGACC  
 AATTCGCCTGAAGAGGGACCGACTTGTAAATGGAGATTCAAGACTCTGCCTCAAACACACGAAGCAGAG  
 ATTTCAAGCAGCCTCTCAGCCATCTGCACCTGTTTTCCTTCATGTTCTTGCTCTGAATGTGGTATTG  
 TGGTCACAGCCACAGTGAGGCATTTCTAAATCGATGGAAGGATCACGGATACCAGAAGTCAGGTCTA  
 CTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_054005

**Insert Size:** 1824 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:**

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\\_054005.1](#), [NP\\_446457.1](#)

**RefSeq Size:** 2282 bp

**RefSeq ORF:** 1824 bp

**Locus ID:** 117179

**UniProt ID:** [Q9QZT0](#)

**Cytogenetics:** 1q41

**Gene Summary:** protein specifically expressed in uterus and ovary and regulated by estrogen; may function in pregnancy [RGD, Feb 2006]