

Product datasheet for **MR218812**

Cuzd1 (NM_008411) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cuzd1 (NM_008411) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cuzd1
Synonyms:	Erg-1; Itmap1; Uo-44; Usg; Utczp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR218812 representing NM_008411
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGTCACTGGAAGGCTGTTCATCTGGGCTATTTAGCTGTCTCCTGTGGGACAGCTGAATTCTA
 CAGAGGCTGAAGGCAAATCAAGATGCACAGCCAGTCTGGGAGGGCCAATCTGGGAGAGACCCATAAAGC
 CCTGGTCTACAGCTCAGTGCGAATGAGAACTGCACCTGGACCATAGAGAGACCTGAAAACAGGAGCATC
 AGAATCATCTTCTCCTACATCAAGTTGGATCCAGGCAGCAGGTGTGAAACTGAAAACATTAAGGTGTTTG
 ATGGAAGCTCCACCAGTGGGCTCTGCTAGGGAAGGCCTGCAGCAGAAAATGATTCGTCCTGTGTTTGA
 ATCATCATCCAACCTCGATGACATTTAGATAGTCACTGGCTTGACAAAAGTTCCCAAGGAGTGTCTTTATC
 TTCTACTATTTTTTCTCCGCTGTACCGTTATTCCAACTGCGGTGGTACCTGCGAGCATTGGAAGGGT
 CCTTCAGCAGCCCAATTATCCAAAGCCGACCCTGAGCTGGCATATTGTGTCTGGCACATAAAGTGGG
 GAAAGGCTATAAGATAACAATTGAAGTTACAGATCTTACTAGAGATGGATGAAAACCTGCAAGTTTGAT
 TTCATCGCAGTCTACGATGGCCCTCCACCACGGCAGGCCTGCTCAAACAACCTCTGCGGCCGTGGGAAGC
 CTACCTTAGAATCTTCTCTGACGCCATGACTGTCGTGCTATCTACAGATTATGCCAATTCCTACAAGG
 CTTTTCTGCTTCTACACTTCAATTTACATCCACGATGTCAACACTACATCTCTAAGTTGTGTTTCTGAC
 AAGATGAGAGTCAATCAAGCAAATCATACCTACCGGCACTCAACTACAATGAGAGCAATTTGCAGCTAA
 ATGACCAACTTGCAGACCGAATGTATCAAATGTCATAGAGTTCTCTATCCCTCTGCACGAATGCGGTAC
 AGTCAAAAAGTAGAGGACCACGCGATCAGCTATACCAACAGGATCACCTTCATCGAGTCTCCGGTCTCT
 GCTGTGATCACCCGACAGAAGCTCCTCCAGATCGTGGTACCTGTGAGATGGAGTATAACTCAACCCGCT
 AGATTATGTACATAACTGAAGACGACATCATAACAGAACAGAGTGTCTGGGCAAATACAACACCCGCT
 GGCTCTCTATGAGTCCGACTCATTGAAAACCTCGTACAGGAGTACCATATTATGTAGACTTGAACCCAG
 ACTCTCTTTGTCCAAGCCACCTGCACACCTCGGATCCAAGCCTGGTGGTGTCTGACTTGCAGAG
 CCTCGCTACGTCGACTTTGCATCTCCAACCTACGACTTAATCAGCAGCGGATGTTGTCAAGATGAGAC
 CTGTAAGGTGATCCCTATTTGGGCACTATGGAAGGTTCCAGTTTAAATGCCTTAAATCTTGAACAT
 CTCAACTCTGTGATCTCAAGTGAAGATTTGATATGTGATAACAATGACCAACATCTCGCTGCAATC
 AAGGCTGTGTCCAAGAAGGAAACGGGATTCCTTCTCAAAATGGAAGACTGACTCTGTTATAGGACC
 CATTTCGCTGAAGAGGACCGAAGTCAAGTAGAGATTGAGACTTCTGCCTCAAATACATGAAGCAGAA
 ATTTCAAACCAGCCCTCAGTCGCTGTACCTGTTTCTTCATGTTCTTGCCTAAATGTGGTATTG
 TGGCGATAACCACAGTGAAGCATTTCCTAAATCGGTGGATGGATCACAGATACCAGAAGCTGCAGGTCTA
 C

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR218812 representing NM_008411
 Red=Cloning site Green=Tags(s)

MEVTGRLFIWAILAVSCGAQLNSTEAEGKSRCATSLGGANLGETHKALVLQLSANENCTWTIERPENRSI
 RIIFS YIKLDPGSRCETENIKVFDGSSTSGPLL GKACSRNDFVPVFESSNSMTFQIVTGLTKFPRSVFI
 FYYFFSAATVIPNCGDLRALEGSFSSPNYPKHPPELAYCVWHIQVGKGYKIQLKFDLLEMDENCKFD
 FIAVYDGPSTTAGLLKQLCGRGKPTLESSDAMTVVLSTDYANSYKGFSAYSYSIYIHDVNTTSLSCVSD
 KMRVVIISKSYLPALNYESNLQLNDPTCRPNVSNVIEFSIPLHECGTVKKIEDHAISYTNRITFIESPVS
 AVITRQKLLQIVVTCEMEYNSTVEIMYITEDDIIQNQSVLGYNTSLALYESDSFENLVQESPPYYDLNQ
 TLFVQATLHTSDPSLVVFLDTCRASPTSDFASPTYDLISSGCCQDETCKVYPLFGHYGRFQFNAFKFLKH
 LNSVYLKCKILICDNDQTSRCNQGCVPRRKRDI PSYKWKTD SVIGPIRLKRDRSASRDSGLLPQIHEAE
 ISNQPLSRLYLFSFMVLALNVVIVAITTVKHFLNRWMDHRYQKLQVY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9014_f05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_008411

ORF Size: 1821 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

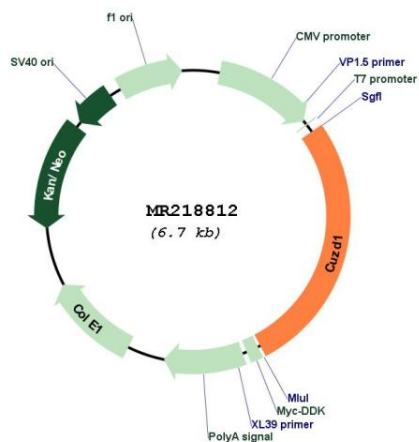
RefSeq: [NM_008411.3](#), [NP_032437.3](#)

RefSeq Size: 2270 bp

RefSeq ORF: 1824 bp

Locus ID: 16433
 Cytogenetics: 7 F3
 MW: 68.6 kDa

Product images:



Circular map for MR218812