

Product datasheet for MR221994

Abhd13 (NM_026868) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abhd13 (NM_026868) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Abhd13
Synonyms: 1110065L07Rik; AI463703; AI788994
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR221994 representing NM_026868
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAAATCCTGGATGCTGTGGAGCTTCATTGAAAGATGGCTACTGGCCTTGGCGTCTGGTCTTGGG
 CTCTCTGCCGCATCTCTGTACCTTTGATAGTGACTTTTCATCTGTATGGAGGCATTGTCTACTTTT
 GTTAATATTCGTATCAATTGCAGGTATCTATATAAATCCAAGATGCTTGCTCTACTTTCCAGAACAG
 CCATCTTCTTCCCGCCTTATGTTCCCATGCCACGGGTATCCCATGAAAACATTTTCATCAGAACCA
 AAGATGGAGTGGCCTGAATCTGATCTTGGTGAGATACACTGGAGACAATCCCCCTACTGCCGACCAT
 AATTTATTTCCATGGAATGCCGCAACATAGGCCACAGGTTACCAAACGCACTGCTAATGCTGGTGAAC
 CTCAGAGTGAATCTTGTGCTTGTGGATTACCGGGGTACGGGAAGAGCGAAGGAGAGGCCAGTGAAGAAG
 GGCTGTATTTGGATTCTGAAGCTGTGCTAGACTATGTCATGACGAGACCCGACCTCGATAAGACCAAGGT
 TTTCTTTTTGGCCGCTCCCTGGGAGGAGCAGTGGCCATTCACCTTGGCTTCTGAGAATCTCACAGGATT
 TCAGCCATCATGGTGGAGAACACATTCCTAAGCATACCACATGGCCAGCACTATTTTCATTCTTCC
 CAATGCCTTACCTTCTTATGGTGCTATAAAAAAAGTTTCTGTCTACAGAAAGATCTCCAGTGCAG
 GATGCCTTCTCTTCTCTCTGACCTCTGACCAGTTGATCCACCCGTGATGATGAAACAGCTCTAC
 GAGCTCTCCATCCCGGACTAAGAGATTAGCCATTTTCCAGATGGGACGCACAACGACACATGGCAGT
 GCCAAGGCTACTTCACTGCACTAGAACAATTTATCAAGGAAGTGATCAAGAGTCATTCTCCGAAGACAT
 GACAAAAACATCATCCAATGTCACCATCATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR221994 representing NM_026868
Red=Cloning site Green=Tags(s)

MEKSWMLWSFIERWLLALASWSWALCRISLLPLIVTFHLYGGIVLLLLIFVSIAGILYKFQDVLVYFPEQ
 PSSSRLYVPMPTGIPHENIFIRTKDGVRLNLILVRYTGDNSPYCPTIIYFHGNAGNIGHRLPNALLMLVN
 LRVNLVLVDYRGYKSEGEASEEGLYLDSEAVLDYVMTRPDLDKTKVFLFGRSLGGAVAIHLASENSHRI
 SAIMVENTFLSIPHMASTLFSFFPMRYLPLWCYKNKFLSYRKISQCRMPSLFISGLSDQLIPPVMMKQLY
 ELSPSRTKRLAIFPDGTHNDTWQCQGYFTALEQFIKEVIKSHSPEDMTKTSNVITII

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9020_c09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_026868

ORF Size: 1011 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_026868.1](#), [NP_081144.1](#)

RefSeq Size: 5181 bp

RefSeq ORF: 1014 bp

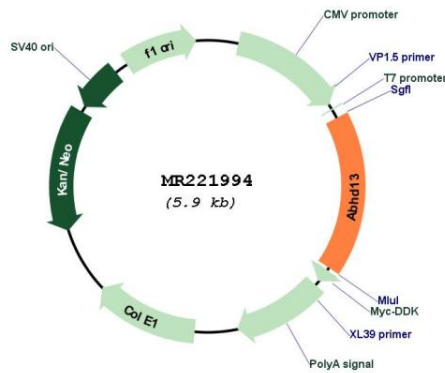
Locus ID: 68904

UniProt ID: [Q80UX8](#)

Cytogenetics: 8 A1.1

MW: 39 kDa

Product images:



Circular map for MR221994