

Product datasheet for **RN213476**

Dnaaf5 (NM_001134857) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnaaf5 (NM_001134857) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dnaaf5
Synonyms:	Heatr2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213476 representing NM_001134857
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGCCGGCGGAGGCGGAGGTGGCCGGGCTTCGCCAGGCGGATGAAGCAGCGGAAGTACCC
 GCGCGCTAGGTCGTCTGTTACCGGGACTGGAGACCGAAAAGTAAGCTGGGGCGCGCGCGCTGGAAGC
 TCTGGAGCACGCACTGGAAGAGGCGGTGCGGCCCGGAACGGATTCGCTGCCTCCAGGGCCATGGGCT
 CGTCTGCTGCTGCCTCGCCTGCTGCGACTTCTGACCGACCCAGCCGAGGGCTGCCGCGCGCTGGCTGCTC
 ACCTGCTGGACTTAGGCCTTCGCCGTGCCGCGGCCCGCGATGCTCTGCCGCGCTGTTGCCGCGCT
 CACCGCACGCCTGCCCGACCAGAATCCACGCGGCCACCGCTGAACCTGCGAAGAGCTGCGTCTTGCC
 CTGTCGCAACTGCTTACCTGGCCGTGGACCTGGGCGCGCCGCGCTCGCGCCCCACCTGGACGACGCGG
 TGCGCGCTTGGGGGTGCGCTGCTCGACCCCTTCGCCGCGGTGCGCCGGGAGGGTTGCGAGTGCACG
 CGCTCTGGCGCGTCCATTCCGGAGCACTTCCACATGCAGTCGGAGTCCCTCATAGGCCCTTGATGCAG
 ACCATCTCCCACCAGCACTGGAAGGTCCGGTAGCTGTCATCGAAGCCACAGGCACTGTAATCCAGTTTG
 GCAATGGGAATTCGGTGGATGATGTTCTTTCCACTTTGCTCAAAGACTTTCGATGATGTCCTCAGGT
 CCGGCAGGCAGTGACCTCGGTGGTGGGGGATGGCTGCTCAATCTCCGTGACCGATACTCCTTTTTCAC
 AAACTCACCCACTGTTACTCAGCAGCTTCAGTGACGAAATGCCTGAGGTCCGACAGACGCCACCAGCC
 TCTGGGAGAAGGTCGGCTGCAGTGGCAGGAGGAAAATGAGGCAGATCTAAAGGACAAGCTGGACTTTGC
 TTCACCTCCTCCTAACTACCTGAGCACGAGAGCCGCTCTGGCTGGGCTGCCGAGAGCTGGTCTTC
 AGGAACCTCTCAAGGTGCTTCTGCCATCTGTACGATATCACCGACTGGTGGTGGGACCCGGCTGA
 AGGCAGCGCAGCTGCTGCCGGTGTGCTGTCATGCGAGGACCACATCACACAGCAGCTGGAGATCGT
 CCTCAGAACCCTGCATCAGGCGTGCACCGATGAGGAGAAGGCTGTGGTACAGCAGCTGCGTGAGAGCCGA
 GAGCTCATTGGCACCTTCGTGAGCCAGAAATTTCTGAAACTGATCTTAGCCATGCTGAAGAAAGCAC
 CCTCGGCCTCTGGCCTTTGATCCTTGCTTGTGTCATCCGAGGCTGTCCCGCAATGCCCTTCAGCCACA
 CCTCAAGGTATAGCCACAGAGCTGGCCAGGAGCACATCTGCCAGGGTCTGAGAATAATAGCTACCTG
 GAGCATCTGCTGTGTGTGTCAGACTCTGCTGTGTGTGTGTCAGGAAGACTGCTGTGCTGCCAGCTGC
 AGCTCTCGGAGGTGCTGGTGACAATAATGGCAGTCTCAGATGCCGTGAGTCTTGAGAAGAAGGCTCAGAA
 GACCATGGACACCCTGGCTGAGGTGGAGGATATCCCAGCAGTCAGGACCTTACCGCAAGCATCTGGGT
 GCACTACTGGAACGGCTGACAGCCTCTCATGGCGAGTGGACGGTGCACCTGTGTCAGCTGCTGAAGTTCA
 CTGTGCTCCTCACCCAGGACAGGCCAGCTGTGGGAGAGGCTCTGCAGCATGTGATCCCCACTCTCAGGGC
 CTGTCTCCAGCCACCACAGACCACACATGCGCCTGAAGCTTCTCTATCCTGTCTTATTGCTGCTG
 AGGCCTAAGGACACCGTGCAGCTCTCAGGGACAGTTCATGGTACTTGGATATGGTAATAATGACATCC
 TAGCCCCAACCTACAGTGGCATGCAGGACGAGCAGCTGCAGCCATCCGGACGGCCACCATATCCTGTCT
 GTGGGCACTTATCAGCAGTGACATCTTATCGGCCAAGCAGGTTCAAGAGGCACAGGAGACCCCTGATGCCA
 CAAGTGTGGCCACGCTGGAGGACGACTCCCAGACCACACGCTGATCTCCTGCCGTATCATCAGCAGGT
 TCCTCAAGAACTCAGGGGATACCATGGAGCCAGAGAAATTTCTCAAGGTCTATCCTGAGCTCTTGAAGCG
 CCTAGATGATGTCTCAAATGACGTGAGAAATGGCAGCTGCTCCGCCTTGCTCACCTGGCTGAAGTGCATT
 GAGAGCGTGGATGGGAAATCCGCCTATCAGAGCAGCGTTCAAGTTCCTGTACAGGGAGCTGCTGGTCCACC
 TGGATGACCCAGAAAGTCCATCCAAGCACTGTGCTAGAAGTCTCAAGGAGGGCAGCGTCTGTTTCC
 AGATGTGCTGGTGGGGAGACGGAGGCTGTTGTCCACAAACACCGCTCAGCTACCTACTGCGAGCAGCTG
 CTGCAGCATATGCAAACCATGGCTGCCGCTCGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001134857
Insert Size: 2556 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:	<ol style="list-style-type: none">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:	<u>NM_001134857.1</u> , <u>NP_001128329.1</u>
RefSeq Size:	3417 bp
RefSeq ORF:	2556 bp
Locus ID:	304332
Cytogenetics:	12q11