Product datasheet for MR228277

Ahnak (NM_001286518) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ahnak (NM_001286518) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ahnak
Synonyms: DY6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence:
>MR228277 representing NM_001286518
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC

ATGGAGAAGGAGAGAGCAACCCGGGAGCTGCTGCTGCCCAACTGGCAAGGGACAGTTGCTGCACCTG
TGACATTGCCAGAGGATGATGAGCTCTTTGTTACAGGGAGTGATCGAAGACTCCCTTGACGGCCGCACT
TGGGGTGGTCAAGGGGACAGATAATTTTGGGTGCCACCATCTTGTATGAACAACCTGAGCTG
GTGACCCAGTGTCTGAATACCATGGGGCCATCACCACGTGTTGCGTGAAGGTCACTGGCGATAGTTGC
CCCTGACCGCAGACCCCGAGCTCCCTGACGATGTTCCAGTGCAGAATGCTGGCATCGCCGACACAGCT
GTAACCTTCCCATCTGGACTGCAATGACCAAGAATAAACCACAGGAAAGCTATCAACAAAGCTGGGCGA
GCATCGACACCCCAACAGATCGAGGAACTGATGAGGAAATCTGATGATGATGCGCAGTATAGGACGACT
CGTAAGAATGAAAAAGTGACCTCACT

ACCGCTACGGGCGCTCAGAGAAACTCACTTCAAGAGGATCTGGCAGAATATGATATCCTGGATT
ACAAGGATGACGACGATAGTTAAAA

Protein Sequence:
>MR228277 representing NM_001286518
Red=Cloning site Green=Tags(s)

MEKEETTRELLLPNWQGGSGSHLTIARQDDGVQVEVMOMSPAARTGVKEGDOIYFINDLQSGE
VTQLNLMTMOHTVGLKLHRKDRSPEPQWTHEVFSSSERSEYVLNTVQPPSLDCNDQNKPKAINKAGA
ASDSTPDAGIDLHGDPEIKADSRIRNEKVTSP

TRTRPLLEQKLISEEDLAANDILYDDDDK

Restriction Sites: SgfI-MluI
Cloning Scheme:

Plasmid Map:

ACCN: NM_001286518

ORF Size: 519 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.

RefSeq: NM_001286518.1, NP_001273447.1
RefSeq Size: 1145 bp
RefSeq ORF: 522 bp
Locus ID: 66395
MW: 19.2 kDa