

## Product datasheet for **MR204855A1V**

### Mouse Ffar2 (NM\_146187) AAV Particle

#### Product data:

|                |                            |
|----------------|----------------------------|
| Product Type:  | AAV Particles              |
| Tag:           | Myc-DDK                    |
| Symbol:        | Ffar2                      |
| Synonyms:      | GPCR43; Gpr43              |
| Mammalian Cell | None                       |
| Selection:     |                            |
| Vector:        | pAAV-AC-Myc-DDK (PS100089) |

**ORF Nucleotide Sequence:** >MR204855 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGACCCAGACTGGCAGATTCTTGATCCTCACGGCCTACATCCTCATCTTTCTTACTGGGCTCCCTG  
CCAACCTGCTGGCCCTGCGGGCCTTCATGGCCGGGTTCCGCAGCCTCAGCCTGCCCTGTGCACATCCT  
CCTGCTTAATCTGACCCTGGCGGACTTGCTCCTGTTGCTGCTGCTGCCCTCCGGATCGTGAAGCAGCA  
TCCAATTCCGCTGGTACCTACCAAGATCGTGTGCGCGCTGACAGGCTTCGGCTTCTACAGCAGCATCT  
ACTGCAGCAGTGGCTGCTGGCGGGCATCAGCATGGAACGCTACCTGGGAGTGGCCTTCCCGGTGCAGTA  
CAAGTTATCCCGCGGCCACTGTATGGAGTGATCGTCTGCTGGTGGCTGGATCATGTCTTTGGCCAC  
TGCACCATCGTCATCATCGTTCACTGACCTGAACCTCAACTGAGCAGGTGGGCACTGAGAACCAATAACCT  
GCTACGAGAACTTCACCAAGAGCAGCTGGATGTGGTACTGCCCCTACGACTGGAGCTGTGCCTGGTCTCT  
GTTTTTCGTTCCCATGGCAGTCACCATCTTCTGTTATTGGCGCTTCGTGTGGATCATGCTCACGCAGCCC  
CACGTTGGGGCTCAGAGGCGACGCCGGCAGTGGGCTGGCTGTTGTGACGCTTCTTAATTTCTGGTGT  
GCTTTGGACCCTACAACATGTCCACCTGGTGGGTTCTACCTGAGGCAGAGCCCTCGTGGCGGGTGA  
GGCTGTGGTGTTCAGTTCCCTCAATGCCAGCCTGGATCCATTATTGTTCTACTTCTCCTCCTCCGTGGT  
CGCAGAGCTTTGGGAAAGTTTGTACTGATCCGCAATCCTGCCTCCTATGCTGGGCAGGGGAGCCA  
AAGAGACAGTGGAGGGGACCAAGATGGACAGGGGTGAAGTCAAGCAGAAGGGGTACAGAGTTCTGAATT  
TGTCACCGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR204855 protein sequence<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MTPDWHSSLILTAYILIFLTGLPANLLALRAFMGRVRQPAPVHILLNLTLADLLLLLLPFRIVEAA<br/> SNFRWYLPKIVCALTGFGFYSSIYCSTWLLAGISMERYLGVAFPVQYKLSRRPLYGVIAALVAWIMSGH<br/> CTIVIIQYLNSTEQVGTENQITCYENFTQEQLDVLPVRLELCLVFFVPMAVTIFCYWRFVWIMLTQP<br/> HVGAQRRRAVGLAVVTLLNFLVCFGPYNMSHLVGFYLRQSPSWRVEAVVFSSLNASLDPLLFFYFSSSVV<br/> RRAFGKGLLLIRNPASSMLGRGAKETVEGTKMDRGGSQAEGVQSSEFVTE</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI</span><span style="color: green;">SEEDLA</span><span style="color: green;">ANDILDYK</span><span style="color: red;">DDDDKV</span></p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ACCN:</b>             | NM_146187                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ORF Size:</b>         | 990 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Stability:</b>        | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.                                                                                                                                                                                                                                                      |
| <b>RefSeq:</b>           | <u><a href="#">NM_146187.2</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq Size:</b>      | 2292 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq ORF:</b>       | 993 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Locus ID:</b>         | 233079                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>UniProt ID:</b>       | <u><a href="#">Q8VCK6</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cytogenetics:</b>     | 7 B1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>MW:</b>               | 37.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |