

## Product datasheet for **RC200313A1V**

### Human IDH3A (NM\_005530) AAV Particle

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | AAV Particles   |
| Product Name:             | Human IDH3A (NM_005530) AAV Particle                              |
| Tag:                      | Myc-DDK   |
| Symbol:                   | IDH3A   |
| Synonyms:                 | RP90  |
| Mammalian Cell Selection: | None  |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)  |
| ORF Nucleotide Sequence:  | >RC200313 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTGGGCCCGCTGGATCTCTAAGGTCTCTCGGCTGCTGGGGCATTCCACAACCCAAAACAGGTGA  
CCAGAGGTTTTACTGGTGGTGTTCAGACAGTAACTTTAATCCAGGAGATGGTATTGGCCAGAAATTC  
AGCTGCAGTTATGAAGATTTTTGATGCTGCCAAAGCACCTATTCAGTGGGAGGAGCGGAACGCTACTGCC  
ATCAAGGACCTGGAGGAAAGTGGATGATCCCTTCAGAGGCTAAAGAGTCCATGGATAAGAACAAGATGG  
GCTTGAAAGGCCCTTTGAAGACCCCAATAGCAGCCGGTCACCCATCTATGAATTTACTGCTGCGCAAAAC  
ATTTGACCTTTACGCGAATGTCCGACCATGTGTCTCTATCGAAGGCTATAAAAACCCCTTACACCGATGTA  
AATATTGTGACCATTCGAGAGAACACAGAAGGAGAATACAGTGAATTGAGCATGTGATTGTTGATGGAG  
TCGTGCAGAGTATCAAGCTCATCCGAGGGGGCGAGCAAGCGCATTGCTGAGTTTGCCTTTGAGTATGC  
CCGGAACAACCACCGAGCAACGTCACGGCGGTGCACAAAGCCAACATCATGCGGATGTCAGATGGGCTT  
TTTCTACAAAAATGCAGGAAGTTGCAGAAAGCTGTAAGATATTAATTTAATGAGATGTACCTTGATA  
CAGTATGTTTGAATATGGTACAAGATCCTTCCCAATTTGATGTTCTTGTATGCCAAATTTGATGGAGA  
CATCCTTAGTGACTTGTGTGCAGGATTGATCGGAGGTCTCGGTGTGACACCAAGTGGCAACATTGGAGCC  
AATGGGGTTGCAATTTTTGAGTCGGTTCATGGACGGCTCCAGACATTGCAGGCAAGGACATGGCGAATC  
CCACAGCCCTCCTGCTCAGTGCCGTGATGATGCTGCGCCACATGGGACTTTTTGACCATGCTGCAAGAAT  
TGAGGCTGCGTGTGCTACAATTAAGGACGGAAAGACTTGACAAAAGATTTGGGAGGCAATGCAAAA  
TGCTCAGACTTCAGAGGAAATCTGTGCGCGAGTAAAAGATTTAGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                          |   |
|--------------------------|---|
| <b>Protein Sequence:</b> | <p>&gt;RC200313 protein sequence<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MAGPAWISKVSRLLGAFHNPKQVTRGFTGGVQTVTLIPGDGIGPEISAAVMKIFDAAKAPIQWEERNVTA<br/>         IQGPGGKWMIPSEAKESMDKNMGLKGPLKTPAAGHPSMNLRLRKTFDLYANVRPCVSIIEGYKTPYTDV<br/>         NIVTIRENTEGEYSGIEHVIVDGVVQSIKLITGASKRIAEFAFEYARNNHRSNVTAVHKANIMRMSDGL<br/>         FLQKCREVAESCKDIKFNEMYLDTVCLNMVQDPSQFDVLMVLPNLYGDILSDLCAGLIGGLGVTSPGNIGA<br/>         NGVAIFESVHGTAPDIAGKDMANPTALLLSAVMMLRHMGLFDHAARIEAACFATIKDGKSLTKDLGGNAK<br/>         CSDFTTEICRRVKDLD</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI</span><span style="color: green;">SEEDLAANDILDYKDDDDKV</span></p> |
| <b>Species:</b>          | Human   |
| <b>Serotype:</b>         | AAV-2   |
| <b>ACCN:</b>             | NM_005530   |
| <b>ORF Size:</b>         | 1098 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>           | <a href="#">NM_005530.2</a>   |
| <b>RefSeq Size:</b>      | 2701 bp   |
| <b>RefSeq ORF:</b>       | 1101 bp   |
| <b>Locus ID:</b>         | 3419  |
| <b>UniProt ID:</b>       | <a href="#">P50213</a>  |
| <b>Cytogenetics:</b>     | 15q25.1   |
| <b>MW:</b>               | 39.6 kDa  |