

## Product datasheet for **RC218095A1V**

### Human Staufen (STAU1) (NM\_017452) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Staufen (STAU1) (NM_017452) AAV Particle
Tag:	Myc-DDK
Symbol:	Staufen
Synonyms:	PPP1R150; STAU
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC218095 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAACTTGGAAAAAACAATGTATAAGCCTGTTGACCCTTACTCTCGGATGCAGTCCACCTATAACT  
 ACAACATGAGAGGAGGTGCTTATCCCCGAGGTACTTTTACCATTTCAGTTCCACCTTTACTTTATCA  
 AGTGGAACCTTCTGTGGGAGGACAGCAATTTAATGGCAAAGGAAAGACAAGACAGGCTGCGAAACACGAT  
 GCTGCTGCCAAAGCGTTGAGGATCCTGCAGAATGAGCCCTGCCAGAGAGGCTGGAGGTGAATGGAAGAG  
 AATCCGAAGAAGAAAATCTCAATAAATCTGAAATAAGTCAAGTGTGAGATTGCACTTAAACGGAACCT  
 GCCTGTGAATTCGAGGTGGCCCGGAGAGTGGCCACCCACATGAAGAACCTTGTGACCAAGGTTTCG  
 GTTGGGAGTTTGTGGGGAAGGTGAAGGAAAAGCAAGAAGATTTCAAAGAAAATGCCGCATAGCTG  
 TTCTTGAGGAGCTGAAGAAGTTACCGCCCTGCCTGCAGTTGAACGAGTAAAGCCTAGAATCAAAAAGAA  
 AACAAAACCCATAGTCAAGCCACAGACAAGCCAGAATATGGCCAGGGGATCAATCCGATTAGCCGACTG  
 GCCCAGATCCAGCAGGCAAAAAAGGAGAAGGAGCCAGAGTACACGCTCCTCACAGAGCGAGGCCCTCCCGC  
 GCCGCAGGGAGTTTGTGATGCAGGTGAAGGTTGAAAACACACTGCAGAAGGAACGGGCACCAACAGAA  
 GGTGGCCAAGCGCAATGCAGCCGAGAACATGCTGGAGATCCTTGGTTTCAAAGTCCCGCAGGCGCAGCCC  
 ACCAAAACCCGACTCAAGTCAGAGGAGAAGACCCATAAAGAAAACAGGGGATGGAAGAAAAGTAACTT  
 TTTTGAACCTGGCTCTGGGGATGAAAATGGGACTAGTAATAAAGAGGATGAGTTCAGGATGCCTTATCT  
 AAGTCATCAGCAGCTGCCTGCTGGAATCTTCCCATGGTGCCCGAGGTCGCCAGGCTGTAGGAGTTAGT  
 CAAGGACATCACACCAAAGATTTTACCAGGGCAGCTCCGAATCCTGCCAAGGCCACGGTAACTGCCATGA  
 TAGCCCGAGAGTTGTTGTATGGGGCACCTCGCCACAGCCGAGACCATTTTAAAGAATAACATCTCTTC  
 AGGCCAGTACCCCATGGACCTCTCACGAGACCCTCTGAGCAACTGGACTATCTTCCAGAGTCCAGGGA  
 TTCCAGGTTGAATACAAAGACTTCCCCAAAAACAACAAGAACGAATTTGTATCTTATCAATTGCTCCT  
 CTCAGCCACCTCTGATCAGCCATGGTATCGGCAAGGATGTGGAGTCTGCCATGATATGGCTGCGCTGAA  
 CATCTTAAAGTTGCTGTCTGAGTTGGACCAACAAAGTACAGAGATGCCAAGAACAGGAAACGGACCAATG  
 TCTGTGTGTTGGGAGGTGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC218095 protein sequence  
 Red=Cloning site Green=Tags(s)

MKLGKKPMYKVPDPYSRMQSTYNYNMRGGAYPPRYFYPFPVPLLYQVELSVGGQQFNGKGTQRQAAKHD  
 AAKALRILQNEPLPERLEVNGRESEENLNKSEISQVFEIALKRNLVNFVARESGPPHMKNFVTKVS  
 VGEFVGELEGKSKKISKKNAAIAVLEELKKLPPLPAVERVKPRIKKKTKPIVKPQTSPEYQGGINPISRL  
 AQIQQAKKEKEPEYLLTERGLPRRREFVMQVKVGNHTAEGTGTNKKVAKRNAENMLEILGFKVPQAQP  
 TKPALKSEEKTIKPKGDGRKVTFFEPGSGDENGTSNKEDEFMPYLSHQQLPAGILPMVPEVAQAVGVS  
 QGHHTKDFTRAAPNPAKATVTAMIARELLYGGTSPTAETILKNNISSGHVPHGPLTRPSEQLDYLSRVQG  
 FQVEYKDFPKNNKNEFVSLINCSQPPLISHGIGKDVESCHDMAALNILKLLSELDDQSTEMPRTGNGPM  
 SVCGR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_017452

**ORF Size:**

1488 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_017452.2</a></u>
<b>RefSeq Size:</b>	3399 bp
<b>RefSeq ORF:</b>	1491 bp
<b>Locus ID:</b>	6780
<b>UniProt ID:</b>	<u><a href="#">O95793</a></u>
<b>Cytogenetics:</b>	20q13.13
<b>MW:</b>	54.9 kDa