

Product datasheet for **SC320644**

Adracalin (AAAS) (NM_015665) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adracalin (AAAS) (NM_015665) Human Untagged Clone
Tag:	Tag Free
Symbol:	Adracalin
Synonyms:	AAA; AAASb; ADRACALA; ADRACALIN; ALADIN; GL003
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_015665.3
 CGCCGTTTGTCCCTTGCCGTACCCGTCCGCATACGAATCTAGCCCGGAACCGAGTTGCC
 GGAGTGCAGTCTGTGCCGTTCCGGCCAGGAGTTTGCCGACTGCAGACGTCTGCGAACCG
 GCAAGATGTGCTCTCTGGGGTTGTTCCCTCCTCCACCCGCTCGGGGTCAAGTCACCCAT
 ATGAGCACAATAACGAGCTGGTGACGGGCAGTAGCTATGAGAGCCCGCCCCGACTTCC
 GGGGCCAGTGGATCAATCTTCTGTCTACAACGACAAGGATCCCTAAAGACCCCTG
 GAAGCTGGACCATGGCACAAGAAGTGCCTTCCATCCATCACCGGAGCAAGTGTGGAAGA
 GATGCATCAACATTTGGCGTGATGTGGCCTTTTGGGGTGCTAAATGAAATTGCAAACT
 CAGAAGAAGAGGTGTTTGTAGTGGTGAAGACGGCATCCGCTGGGCCCTGGCACTCTGTC
 GATGGGCCTCTTCCCTCCATGGTCCCTGTTCCCCATCTGTCTCTCAGGAGCGAAGATC
 TGATCGTGAAATTTGCCAAGTCACAAATTGGTCCAGCTGCTGCTTGCCTGCTTTGCAT
 GGCACCCACACCAACAAGTTTGCAGTGGCCCTGCTAGATGACTCAGTCCGTGTGTATA
 ATGCCAGCAGCACCATAGTCCCCTCCCTGAAGCACCGGCTGCAGCGAAATGTGGCGTCTC
 TGGCCTGGAAGCCCTTAGTGCCTCTGTCTTGGCTGTGGCCTGCCAGAGCTGCATTCTTA
 TCTGGACCCTGGACCCTACCTCCTGTCTACCCGACCCTCTTCTGGCTGTGCCAAGTGC
 TGCTCACCCCTGGGCATACACCTGTTACCAGCTTGGCCTGGGCCCCAGTGGGGGCGGC
 TGCTCTCAGCTTACCCGTGGATGCTGCTATCCGGGTATGGGATGTCTAACAGAGACCT
 GTGTCCCCCTTCCCTGGTTTCGAGGAGGTGGGGTGACCAACCTGCTCTGGTCCCCAGACG
 GCAGCAAATCCTGGCTACCACTCCTTCAGCTGTCTTTCGAGTCTGGGAGGCCAGATGT
 GGACTTGTGAGAGGTGGCCTACTCTATCAGGGCGCTGTGAGACTGGTGTGGAGCCAG
 ATGGCAGCCGACTGCTGTTCACTGTATTGGGAGAGCCACTGATTTACTCCCTGTCTTTTC
 CAGAACGTTGTGGTGAGGAAAGGGTGGCTTGGAGGTGCAAAGTCAGCAACGATTGTGG
 CAGATCTGTCTGAGACAACAATACAGACACCAGATGGTGAGGAGAGGCTTGGGGGAGAG
 CTACTCCATGGTCTGGGACCCAGTGGGGAACGTCTGGCTGTGCTTATGAAAGGAAAGC
 CAAGGGTACAGGATGGTAAACCAGTCATCCTCCTTTTTCGCACTCGAAACAGCCCTGTGT
 TTGAGCTCCTTCCCTGTGGCATTATCCAGGGGAGCCAGGAGCCAGCCAGCCAGCTCATCA
 CTTTCCATCCTTCCCTCAACAAAGGGGCCCTGCTCAGTGTGGGCTGGTCCACAGGCCGAA
 TTGCCACATCCCGCTGTACTTTGTCAATGCCAGTTTCCAGTTTTAGCCAGTGTCTTG
 GGGGGGCCAGGAACCCCTGCTGGGGTGGAGGCTCTATTATGACCTGCCCTCTTTA
 CTGAGACATCCCCAACCTCTGCCCTTGGGACCCTCTCCAGGGCCACCCTGTTCTGC
 CCCACTCCCACATTCCACCTCTAAGAATAAATAAGTTTTCTTTTGTTCCTCA
 AAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_015665
- 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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:

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: [NM_015665.3](#), [NP_056480.1](#)

RefSeq Size: 1816 bp

RefSeq ORF: 1641 bp

Locus ID: 8086

UniProt ID: [Q9NRG9](#)

Cytogenetics: 12q13.13

Domains: WD40

Gene Summary: The protein encoded by this gene is a member of the WD-repeat family of regulatory proteins and may be involved in normal development of the peripheral and central nervous system. The encoded protein is part of the nuclear pore complex and is anchored there by NDC1. Defects in this gene are a cause of achalasia-addisonianism-alacrima syndrome (AAAS), also called triple-A syndrome or Allgrove syndrome. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).