

## Product datasheet for **SC214694**

### **JWA (ARL6IP5) (NM\_006407) Human 3' UTR Clone**

#### Product data:

|                |                                                                    |
|----------------|--------------------------------------------------------------------|
| Product Type:  | 3' UTR Clones                                                      |
| Symbol:        | JWA                                                                |
| Synonyms:      | addicsin; DERP11; GTRAP3-18; hp22; HSPC127; jmx; JWA; PRAF3; Yip6b |
| Mammalian Cell | Neomycin                                                           |
| Selection:     |                                                                    |
| Vector:        | pMirTarget (PSI00062)                                              |
| ACCN:          | NM_006407                                                          |
| Insert Size:   | 1486 bp                                                            |



**Insert Sequence:**

>SC214694 3'UTR clone of NM\_006407

The sequence shown below is from the reference sequence of NM\_006407. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
ACTGACTATATCAGCAAAGTGAAGGAATAAACATAACTTACCTGAGCTAGGGTTGCAGCAGAAATTGAG
TTGCAGCTTGCCCTTGTCCAGACCTATGTTCTGCTTGCCTTTTGAACAGGAGGTGCACGTACCAACC
AATTATCTATGGCAGCATGCATGTATAGGCCGAACCTATTATCAGCTCTGATGTTTCAGAGAGAAGACCT
CAGAAACCGAAAGAAAACCAACCCCTCTATTGTGTCTGAAGTTTCACGTGTGTTTATGAAATCTAAT
GGGAAATGGATCACACGATTTCTTTAAGGGAATTAAAAAATAAAGAATTACGGCTTTTACAGCAAC
AATACGATTATCTTATAGGAAAAAATCATTGTAAAGTATCAAGACAATACGAGTAAATGAAAGG
CTGTAAAGTAGATGACATCATGTGTAGCCTGTTCTAATCCCCTAGAATTGTAATGTGTGGGATATA
AATTAGTTTTTATTATTCTCTAAAAATCAAAGATGATCTCTATCACTTTGCCACCTGTTTGATGTGCA
GTGGAAACTGGTTAAGCCAGTTGTTTACTCTCTTACAAATATAAAGATAGCTGTTTAGGATATTTT
GTTACATTTTTGTAATTTTTGAAATGCTAGTAATGTGTTTACCAGCAAGTATTTGTTGCAAACTTA
ATGTCATTTTCTTAAGATGGTTACAGCTATGTAACCTGTATTATCTGGACGGACTATTTAAATACA
AACAGACAAAAAATAAACAACCTTGAGTTCTATTACCTTGCACATTTTTGTTGTTACAGTGAATA
AAATGGTCCAAGAAAATGTTTGCCATTTTGCATTGTTTCGTTTTTAACTGGAACATTAGAAAGAAGG
AAATGAATGTGCATTTTATTAATTCCTTAGGGGCACAAGGAGGACAATAATAGCTGATCTTTGAAATT
TGAAAAACGTCTTTAGATGACCAAGCAAAAGACTTTAAAAATGGTAATGAAATGGAATGCAGCTAC
TGCAGCTAATAAAAAATTTAGATAGCAATTGTTACAACCATATGCCTTTATAGCTAGACATTAGAATT
ATGATAGCATGAGTTTATACATTCTATTATTTTCTCCCTTCTCATGTTTTATAAATAGGTAATAA
AAAATGTTTTGCCTGCCAATTGAATGATTCGTAGCTGAAGTAGAAACATTTAGGTTTCTGTAGCATT
AATTGTGAAGACAACCTGGAGTGGTACTTACTGAAGAACTCTCTGTATGTCCTAGAATAAGAAGCAATG
ATGTGCTGCTTCTGATTTTTCTGCATTTTAAATCTCAGCCAACCTACAGCCATGATCTTTAGCACAG
TGATATCACCATGACTTCACAGACATGGTCTAGAATCTGTACCCTTACCACATATGAAGAATAAAAT
GATTAAAGGTTTTTTGGTGAGACTTTATTTAATGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:**

SgfI-MluI

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:**

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**Note:**

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:**

[NM\\_006407.4](#)

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Summary:</b>  | Expression of this gene is affected by vitamin A. The encoded protein of this gene may be associated with the cytoskeleton. A similar protein in rats may play a role in the regulation of cell differentiation. The rat protein binds and inhibits the cell membrane glutamate transporter EAAC1. The expression of the rat gene is upregulated by retinoic acid, which results in a specific reduction in EAAC1-mediated glutamate transport. [provided by RefSeq, Jul 2008] |
| <b>Locus ID:</b> | 10550                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>MW:</b>       | 58.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |