

## Product datasheet for **SC314311**

### **RNF70 (PJA1) (AF262024) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RNF70 (PJA1) (AF262024) Human Untagged Clone
Tag:	Tag Free
Symbol:	PJA1
Synonyms:	PRAJA1; RNF70
Vector:	<u>pCMV6 series</u>



[View online »](#)

<b>Fully Sequenced ORF:</b>	<p>&gt;NCBI ORF sequence for AF262024, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGGGTGAGGAATCTAGCAAGCCTGTATGGCCCAATCCAACAGGAGGGTATCAGTCCAAT ACAGGTAGGAGGTATGGAAGAAGGCATGCTTATGTCAGTTTCAGGCCACCCACGAGCCAG CGGAAAGGATTGCCAGCCAGAGAAAGACGAACTCCGAAGTCCCAATGCACAGATCAGCC CCCAGTCAAACCAAGAGGAGCCGATCGCCATTTTCCACTACTCGTCGTAGTTGGGAC GACAGCGAGAGTTCCGGAAACCAACCTGAATATTGATAATGAGGACTATTCCAGGTATCCG CCAAGAGAGTACAGAGCTTCGGGTAGCAGAAGAGGAATGGCCTATGGACATATTGACTCT TATGGGGCAGATGATAGTGAGGAGGAGGGGCTGGGCCTGTTGAGCGACCCAGTGAGA GGGAAACTGGCAAGTTTAAAGATGATAAGCTGTATGACCAGAGAAAGGGGCAAGGTCT TTGGCTGGCCACCTCCACATTTCTCTAGTTTTAGCCGTGATGTGAGAGAGGAGCGAGAC AAGTTAGACCCAGTCCCTGCAGCAAGATGCTCAGCTAGCAGAGCTGACTTCTGCCACAA AGTAGTGTGGCCTCACAGTCGTCTTCTGAAGGCAAGCTGGCTACAAAAGGTGACAGCTCG GAGAGGGAGAGAAGGGAGCAAAATTTACCTGCACGTCCCAGCAGGGCTCCTGTGAGTATT TGTGGTGGTGGGAAAACACCTCAAAGAGTGCAGAGGAACCTGTGGTCAGGCCAAAATC AGAAACCTGGCAAGTCCAAACTGCGTGAACCAAAAATTTTTTTTGATACTGATGATGAT GACGATATGCCACACAGTACTTCCAGGTGGAGGGATACCGCCAATGACAATGAGGGCCAC TCGGATGGCCTGGCAAGAAGAGGGAGAGGCGAGAGTTCAGTGGCTATCCCGAGCCAAAG TACCCTGAAGACAACCGGAAGCGAGGAGTGACCAAGTGAACCCAGAAAAGGTGCCGAGA CGACGACGCACCATGGCCGACCTGACTTCTGGACGCACAGTGTGATTACTACAATAC TGCGACGAAGACTCTGACAGTGACAAAGAGTGGATTGCTGCTCTGCGTCGGAAATATCGA AGCCGAGAGCAAAACCTGTCTCCAGTGGCGAAAGCTGGGAGACTCTGCCGGGAAAGAA GAGCGGGAACCTCCACAGGCTAAGGTGAGTGCCAGCACTGGCACCAGCCCTGGCCCGGT GCTAGTGCCAGTCCCGGGCTGGCGCCGGCCAGTGTGGCAGCAATGGCAGCAATTAC CTTGAAGAAGTTCGAGAACCATCTCTTCAGGAAGAGCAGGCATCCCTGGAAGAAGGAGAA ATTCTTGGCTCCAGTACCATGAGAATGACAGTAGCAGTGGGGGATAATGATTCTGGT CACGAGTTGATGCAACCTGGGGTATTCATGCTGGATGGAACAACAACCTTGAAGATGAC TCCAGTGTGAGCGAAGACCTAGAAGTGGATTGGAGCCTCTTTGATGGATTTGCAGATGGG TTAGGAGTGGCTGAAGCCATTTCTATGTGGACCCTCAGTTCCTCACCTACATGGCACTT GAAGAACGCTGGCCAGGCAATGGAACTGCCCTTGGCACTTGGAGTCTCTCGCAGTG GATGTAGAGGTGGCAATCCACCAGCAAGGAGAGCATTGACGCTTCCCGAGATC CTGGTCACTGAAGATCATGGCGCAGTTGGTCAGGAGATGTGCTGCCCCATCTGCTGTAGC GAATATGTGAAGGGGAGGTGGCAACTGAGCTGCCGTGCCACCACTATTTCCACAAGCCG TGTGTGCCATCTGGCTCAGAAGTCAGGCACCTGCCCGTGTGCCGCTGCATGTTCCCT CCCCACTC </pre>
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	AF262024
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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:** [AF262024.1](#), [AAM53039.1](#)

**RefSeq Size:** 2700 bp

**RefSeq ORF:** 2700 bp

**Locus ID:** 64219

**Cytogenetics:** Xq13.1

**Domains:** RING

**Protein Families:** Druggable Genome

**Gene Summary:** This gene encodes an enzyme that has E2-dependent E3 ubiquitin-protein ligase activity. This enzyme belongs to a class of ubiquitin ligases that include a RING finger motif, and it can interact with the E2 ubiquitin-conjugating enzyme UbcH5B. This gene is located in an area of chromosome X where several X-linked cognitive disability disorders have been associated, and it has also been found as part of a contiguous gene deletion associated with craniofrontonasal syndrome, though a direct link to any disorder has yet to be demonstrated. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]