

## Product datasheet for **SC115906**

### ITPRID2 (NM\_006751) Human Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | ITPRID2 (NM_006751) Human Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | ITPRID2                                  |
| Synonyms:                 | CS-1; CS1; KRAP; SPAG13; SSFA2           |
| Mammalian Cell Selection: | None                                     |
| Vector:                   | <u><a href="#">pCMV6-XL5</a></u>         |
| E. coli Selection:        | Ampicillin (100 ug/mL)                   |



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**Fully Sequenced ORF:**

>OriGene sequence for NM\_006751 edited  
 GAATTCGGCACGAGGGTTTTCTCCCTGTTGGCTTCTGTGGCACCACGTTCTCCTGGTTCT  
 GCTCGTAGCTCTCTGACTAAGCTTTCCCTTACCTACTGACCCTCGATGCTGTGCACAG  
 AGTTAGTCTACTTCCACTGGACTCAAAGACTGGAAGTACTCCAGACCAGAAAATAACAAA  
 TCAGTACCCTATGATGAGAGGACCTGATCCTGCTGCTGCCATATAGTACTCAGAAATC  
 ATCTGTTCTACCTCTTTATGAAAATACTTTTCAGGAGCTCCAGGTAATGAGGCGGAGCCT  
 GAATTTGTTTGAACACAAATGATGGATTTAGAATTGGCAATGCTGCGTCAGCAAACCAT  
 GGTTTATCATCATATGACTNAGGAGGAGAGGTTTGAAGTTGATCAGCTCCAGGGTTGAG  
 AAATTCAGTCCGAATGGAACCTCAGGACCTGGAACCTGCAGCTGGAGGAGCGCCTGCTGGG  
 CCTGGAGGAGCAGCTTCGTGCTGTGCGCATGCCTTACCCTTCCGCTCCTCCGACTCAT  
 GGAATGTGTGGCAGTAGAAGCGCTGATAACTTGTGATGCCCTTCTCCATTGAATGTAAT  
 GGAACCAGTCACTGAACTGATGCAGGAGCAGTCATACCTGAAGTCTGAATTGGCCTGGG  
 ACTTGGAGAAATGGGATTTGAAATTCCTCCTGGAGAAAGCTCAGAATCTGTTTTTCCCA  
 AGCAACATCAGAAATCATTTCTGTATGTTCTGGTCCCTCATGCTAACAGAAGAACTGG  
 AGTACCTTCTACTGCCTCAGTGGGCAAAATCCAAAACCCATTAGTGGCAAGGAAGAAAGT  
 GTTCCGAGCATCGGTGGCTCTAACGCCAACAGCTCCTTCTAGAACAGGCTCTGTGCAGAC  
 ACCTCCAGATTTGAAAAGTTCTGAGGAAGTTGATGCAGCTGAAGGAGCCCCAGAAGTTGT  
 AGGACCTAAATCTGAAGTGAAGAAGGGCATGGAAAACCTCCCATCAATGCCAGCTGCTGA  
 GGAAATGCATAAAAAATGTGGAGCAAGATGAGTTGCAGCAAGTCATACGGGAGATTAAGA  
 GTCTATTGTTGGGGAAATCAGACGGGAAATGTAAGTGGACTTTTGGCAGCAGTATCTTC  
 AAGTAAAGCGTCAATTTAAGCAAGATAATCATTAAACAGAAATATAGGTTGGCATGG  
 ATCCTATTAGCTGTGTAATACTGGAATTATCAATGATATGCACTGGTGGAGGTGTTATTT  
 GTGCTTTAGAAGATACTGCTGTTGAGCTGGGCTACTGTATACAGTGTACAATGTGTATT  
 TCTTCAACCATATATTTTAAAAAGACGTACATAGAACTTAGGCACCTTTGCTATTTCTTT  
 TCTAAACTATCAAAAACCTAGCAGTTTGAAGCCTAATATTTATTTGTATGTCATAT  
 TTTTCATTTGATTCCCTATTAGAATTAATTTTAAAACTTGAAGACTTCCAGACTTATCCA  
 ACTTATAAATAACATATTTCTTCCAGACTAACATCTTAAACACTGACCTCTATGAGGTAT  
 TTAAGTGTGCAATAACTGATTCATTTTTTTCAGAGCTTGAAGCATCCAATGATTTTTCCCT  
 CCACTGCTGTTAATTAATGTCACCTCCAAGAAGAAAAACTGTTCTGTTGAAAAAATATA  
 ATTGCTCTTAATCTTGGGGAGGTTACTAATAGCAGTAGGATAGAATTTTATGAGGTTAC  
 CTACAACNACTTAATGTACTTACACTGTAAGCCTTGTGCTTTACCAAGACAAATGTAA  
 TTTTATCATTGCTTATGTAGTATTTTTCTTTTGGAAATGTGCCTTATGTTAAACACTATG  
 TACTXXXXXXXXXXXXXXXXXAAATGAATAAGCTGGTGTGTTTTTTTCAAAATGGAAAGT  
 AATTTAGATTTGTTCTCCTCATACATAAAATGATTTTAGTTTACAGTTTAAACCAGTGAAAA  
 CTTTGTTTTTATGAAAAAAAGGAAAAATGGTTTCCCATTTGGTTTTATATGTGTTAAATA  
 AATGTGTAAGTAACCACCAATGTTATTAGAATTTTTCTTCTAGCATTATAATTTTTT  
 CAACTCCTATTGTGTTCTTTGTGTGATATTTAATCAAAGTGGTTGAGTTGTTAAAC  
 AGTGTCTTTTGAAGAATCTCTAAAAGGCTTATAAATGTTTGAATATCACACAAAGGCT  
 GATTTCTAAAATATATATATATAAAAACAATAAAGTATTTATTTTGCCTAAAAAAAAAAAA  
 AAAAAAACTCGAC

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_006751 unedited  
 NGTTCAAATTTGTNATACGACTCCTATAGGCGCCGCGCATTCCGGCACGAGGGTTTTCT  
 CCCTGTTGGCTTCTGTGGCACCACGTTCTCCTGGTTCTGCTCGTAGCTCTCTGACTAAGC  
 TTTCCCTTCACCTACTGACCCTCGATGCTGTGCACAGAGTTAGTCTACTTCCACTGGAC  
 TCAAAGACTGGAAGTACTCCAGACCAGAAAATAACAAATCAGTACCCTATGATGAGAGGA  
 CCTGATCCTGCTGCTGCCATATAGTACTCAGAAATCATCTGTTCTACCTCTTTATGAA  
 AATACTTTTCAGGAGCTCCAGGTAATGAGGCGGAGCCTGAATTTGTTTAGAACACAAATG  
 ATGGATTTAGAATTGGCAATGCTGCGTCAGCAAACCATGGTTTATCATCATATGACTGAG  
 GAGGAGAGGTTTGAAGTTGATCAGCTCCAGGGTTTGAGAAATTCAGTCCGAATGGAACCT  
 CAGGACCTGGAAGTGCAGCTGGAGGAGCGCTGCTGGGCTGGAGGAGCAGCTTCGTGCT  
 GTGCGCATGCCTTACCCTTCCGCTCCTCCGCACTCATGGGAATGTGTGGCAGTAGAAGC  
 GCTGATAACTTGTATGCCCTTCTCCATTGAATGTAATGGAACCAGTCACTGAACTGATG  
 CAGGAGCAGTCATACCTGAAGTCTGAATTGGGCTGGGACTTGGAGAAATGGGATTTGAA  
 ATCTCTCTGGAGAAAGCTCAGAATCTGTNTTTTCCCAAGCAACATCAGAATCATCTTCT  
 GTATGCTCTGGGCCCTCTCATGCTAACAGAAGAACTGGAGTACCTTCTACTGCCTCAGT  
 GGNCAAATCCAAAACCCATTATGGCAAGGAAGAAGTGTCCGAGCATCGGTGGCCTCTA  
 CGCCAACAG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_006751 unedited  
 TGTACGCGCCGCAATCTATATCGAGTTTTTTTTTTTTTTTTTTAGGCAAAATAAATACT  
 TTATATGGTTTAATATATATATATCTTTAGAAATCAGCCTTTGTGTGATTTTCAAACAT  
 TTATAAGCCTTTTAGAGATTCTTTCAAAGAACACTGTTAAACAACCAACCACTTTTGATT  
 AAAATATCACACAAAAGAAACACAATAGGAGTTGAAAAAATTATAAATGCTAGAAGAAA  
 AATTCTAATAACATTTGGTGGTTACTTTACACATTTATTTAACACATATAAAACCAAATG  
 GGAAACCATTTTCTTTTTTTTCATAAAAACAAAGTTTTCACTGGTTAAAACCTGAACTAA  
 AATCATTTTATGTATGAGGAGAACAATCTAAATTAATTTTCACTTTTAAAAACAACAC  
 CAGCTTATTCAATTTCTATTCATTCAGTCAATAGGCCCATTTTGGATGATACTCTATT  
 TAGTCTAGAAGACAGAAAAAGAAACATCTCCATCTAATAAAGAAGTCTGGACAATGCAAA  
 AAGTAAAAGTACATAGTGTTTAACATAAGGCACATTTCCAAAAGAAAAACTACATAAG  
 CAATGATAAAATTACATTTGTCTTGGGTAAGCAACAAGGCTTACAGTGAAGTACATAA  
 AGTAGTTGTAGGTAACCTCATAAAATTCTATCCTACTGCTATTAGTAACCTNCCCAGAAT  
 TAAGAGCATTATATTTTTTACAACAGAAGTTTTTTCTTCTTGGAAAGTGACATAATTAAC  
 AGCAGTGGAGGGGATAATCATCGGATGNNCTCAGCTCTGAAAAATGAATCAGTTATTGC  
 ACAGTAATACTCATAGAGGTCAGCGCTCTAAGATGCTAGTCTGAGAAATATGTATTATAA  
 GTGGATAGTCTGGAAAGTCTCAGTTTTAAATNATCCTATACGGATCAATGGAAATATGGCT  
 ACAATAATATTAGCTTTCAACGCTAAGTTTTGAAGCTAAA

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_006751

**Insert Size:**

2320 bp

**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).

**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\\_006751.1](#), [NP\\_006742.1](#)

**RefSeq Size:** 1828 bp

**RefSeq ORF:** 750 bp

**Locus ID:** 6744

**UniProt ID:** [P28290](#)

**Cytogenetics:** 2q31.3