

Product datasheet for RN205329

Iqgap1 (NM_001108489) Rat Untagged Clone

Product data:

| | |
|----------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Iqgap1 (NM_001108489) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Iqgap1 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| Fully Sequenced ORF: | >RN205329 representing NM_001108489 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGTCGCGCCGGAGGAGGTTCGATGGCCTGGGTGTGGTCCGGCCGCACTATGGCTCTGTCCTGGATAATG
AGAGACTACGGCAGAGGAGATGGATGAGAGGAGGCGACAGAACGTGGCCTATGAGTACCTTTGTCATTT
GGAAGAAGCAAAGAGGTGGATGGAAGCATGCCTAGGGGAGGACCTGCCGCCACACAGAGCTGGAGGAG
GGCCTTCGGAATGGGGTCTACCTTGCCAAGCTAGGGAACCTTCTTCTCCCCAAAGTGGTGTCCCTGAAGA
AAATCTACGATCGAGAGCAGACCAGATACAAGGCTACCGCCTACACTTCAGACACACGGATAATGTGAT
TCAGTGGCTGAATGCCATGGATGAGATTGGATTGCCTAAGATTTTTTATCCAGAAACCACAGATATCTAC
GACCGGAAGAACATGCCAAGATGTATCTACTGTATCCACGCCCTCAGTTTGTACCTGTTCAAACCTGGGCC
TGGCTCCTCAGATTAAGACCTGTATGGAAGGTTGACTTCACAGAGGAAGAAATCAACAACATGAAGAT
TGAGCTTGAGAAGTACGGGATCCAGATGCCTGCCTTCAGCAAGATAGGGGCATCCTGGCTAACGAGCTC
TCGGTGGATGAGGCTGCATTACACGCTGCTGCTATTGCTATTAATGAAGCTATTGATCACAGAGTTGCAG
CTGACACGTTTACGGCTCTGAAAAACCCCAATGCCATGCTTGCAATCTTGAAGAAGCGCTGGCTCCAC
CTACCAGGATGTGCTTTACCAGGCCAAGCAGGACAAGATGACAAATGCTAAAAACAGGACGGAAAACCTC
GACAGAGAAAGGGACGTTTATGAGGAAGTCTCACACAAGCTGAAATCCAAGGGAATGTAACAAGTCA
ACACATCATCTGCCCTGGCCAACATCAACCTGGCTTTAGAGCAGGGCTGTGCACTGACCCTGCTCAAGGC
TCTGCAGTCAGTGGCTCTGGGCCCCGAGGGTTGCAGACCCAGAACAGCGACTGGTACCTGAAGCAGCTA
CAGAGTGTCTGCAGAAAAACGACAGAGTGGCCAGACTGACCCTCTGCAGAAGGAGGAGGTACAGGCCG
GAGTGGATGCTGCCAACGGTGTGCCAACAAATACCAACGACGGTTGGCAGCAGTGGCAGCGATCAATGC
GGCGATCCAGAAGGGCATCGCCGAGAAGACCGTTTTGGAGCTAATGAATCCTGAAGCCCAGCTGCCCCAG
GTGTATCCATTTGCAGCCGATCTTTATCAGAAGGAGTTGGCCACCCTGCAGCAGCAGATCCTGAGCATA
GCCTCACCCATCCTGAACCTCACTGTGGCGTGGAGATGCTGTCTTCTGTGGCCCTCATCAACAGGGCGCT
GGAGTCAGGAGACATGAACACGGTGTGGAAGCAGCTGAGCAGCTCCGTTACAGGCCTTACCAATATCGAG
GAAGAAAACCTGTCAAAGGTATCTGGATGAGCTGATGAAGCTGAAGGCGCAGGCACATGCAGAGAATAATG
AATTTGTCACGTGGAATGACATCCAGGCGTGTGTGGACCAGTGAACCTGGTGGTCCACGAGGAACATGA
GCGGATTTGGCCATTGGTTAATTAATGAAGCCCTGGATGAAGGGGACGCTCAGAAGACTCTGCAGGCC



[View online >](#)

CTGCAGATCCCTGCAGCCAAGCTCGAGGGGGTCTTCCAGAGGTGGCACAGCATTATCAAGACACGCTGA
 TCAGAGCAAAGAGAGAAAAGGCCAGGAAACCCAGGATGAGTCAGCTGTGTTATGGTTGGATGAAATTCA
 AGGTGGAATCTGGCAGTCCAACAAAGACACCCAGGAAGCACAGAGGTTTGCCTAGGAATCTTCGCCATC
 AACGAAGCAGTAGAGAGTGGTGTGTTGGCAGAACCTGAGTGCCTTCGTTCTCCGGACGTTGGCTTAT
 ATGGAGTGATCCCTGAGTGTGGGAAACATACCAGAGTGACCTTGCTGAAGCCAAGAAGAAAAGACTAGC
 AGCAGGAGACAATAACAGCAAGTGGGTGAAGCACTGGGTGAAAGGCGGGTACCATTACTACCACAATCTG
 GAGACGCAAGCAGGAGGATGGGCTGAACCCACAGACTTCGTGCAGAATTCTGTGCAGCTTCTCGAGAGG
 AAATCCAGAGCTCCATCTCTGGAGTGACCCTGCGTATAACCCGAGAGCAGCTTTGGCTGGCCAACGAAGG
 CTTGATTACCAAGCTGCAAGCCTGCTGCGGTGGGTACCTTGTTGACAGGAATCCGATCCCGGATGAAC
 TTTCTGAAGAAACAGATCCCGCCATCACCTGCATTTCAGTCACAGTGGAGAGGATACAAACAGAAGAAGG
 CATATCAAGATCGGCTGGCTTACCTGCACTCCCATAAAGACGAAGTTGTGAAGATTCAGTCCCTGCCAG
 GATGCATCAAGCCAGAAAGCGCTATAGAGATCGCCTACAGTATTTCCGAGACCACATAAATGACATTATC
 AAAATCCAGGCTTTCATTCCGGCAAACAAAGCTCGCGTACTACAAGACTCTCATCAATGCTGAGGATC
 CGCCTATGATTGGTCCGAAAGTTTGTCCACCTCCTGGACCAAAGTGATCAGGACTTTCAGGAAGAGCT
 TGATCTTATGAAGATGCGGGAGGAGGTCATCACCTCATCGTTCCAACCAGCAGCTGGAGAATGACCTC
 AATCTCATGGATATCAAATCGGCTGCTGGTAAAGAACAAGATCACCTGCAGGATGTGGTTTCCCAT
 GTAAAAAATTACAAAAAGAATAAGGAGCAGTTGTCTGACATGATGATAAAACAAGCAGAAGGGCGG
 GCTCAAGGCCCTGAGCAAGGAGAAGAGGGAGAAGCTGGAAGCCTATCAGCATCTTCTATCTGCTACAG
 ACCAACCTACCTATCTGGCCAAGCTGATTTTTAGATGCCACAGAAAGTCCACCAAGTTCATGGACT
 CTGTGATCTTCACGCTCTACAATATGCATCCAACCAGCGGGAGGAGTACCTGCTGCTCCGACTCTTCCA
 GACGGCACTGCAGGAGGAGATCAAGTCAAAGGTGGATCAGATTCAGAAATCGTGACAGGAAACCTACA
 GTTATTAAGATGGTTGTAAGCTTCAACCGTGGTCCCGGGGCCAGAATGCCCTCCGGCAGATCTTGGCTC
 CTGTTGTGAAGGAAATATGGATGACAAGTCTCTCAACATCAAACCCAGCCCGTGACATTTACAAGT
 TTGGGTTAATCAGATGGAGTCTCAGACAGGAGAAGCGAGCAAACCTGCCTTATGATGTGACCCTGAGCAA
 GCCTTGCTCATGAAGAAGTGAAGACGAGGTTAGACAACCTCCATCAGGAACATGAGGGCTGTGACAGACA
 AGTTCTTTTACGCCATCGTCAGCTCTGTGGACAAAATCCCTTACGGGATGCGCTTCATTGCCAAAGTGT
 GAAGGACTCTTTGACAGAGAAGTCCCGGATGCTGCCGAGGACGAGCTGCTGAAGATTATTGGTAACCTG
 CTTTACTACCGATACATGAACCCGGCCATCGTTGCTCCTGATGCCTTCGACATTATTGACCTGTCAGCAG
 GAGGCCAGCTCACCACAGACCAGCGTAGAAATCTGGGCTCCATTGCAAAGATGCTGCAGCAGCGGGCTC
 CAACAAGATGTTTCTGGGTGATAATGCTCACCTAAGCATATTAATGAATATCTCTCAGTCTACCAG
 AAATTCAGACGGTTTTTCCAAGCCGCTTGGCAGCTCCAGAGCTACAGGATAAGTTTAAATGTGGATGAGT
 ATTCGGATCTAGTCACCCTCACCAAGCCGTTATCTACATTTCCATTGGTGAGATCATCAACACCCACAC
 TCTCTGTTGGACCATCAGGACGCCATTGCTCCAGAGCATAACGACCCCATCCATGAAGTCTGGATGAC
 CTTGGAGAGGTGCCACCATTGAGTCCCTTATAGGAGAAAAGCTGTGGTAATTCAAATGACCCAGCAAGG
 AGGCGCTGGCTAAGACTGAAGTGTCTCTCACACTGACCAACAAGTTTGACGTGCCTGGTGTGAGAACGC
 AGAGATGGATGCGCGGACCATCTTACTGAATACAAAACGTTTAAATGTGGATGTCATCCGGTTCAGCCA
 GGAGAGACCTTGACTGAAATCTAGAAACCCAGCCACCAATGAACAGGAAGCTGAACATCAGAGGGCCA
 TGCAGAGACGGGCTATCCGCGATGCCAAAACCCCTGACAAGATGAAAAAATCAAAGCCCATGAAGGAGGA
 TAACAACCTCAGCCTCCAGGAGAAGAAAGAGAAGATCCAGACTGGCCTAAAGAAGCTAACCGAAGCTTGGG
 ACGGTGGACCCAAAGAACAGATACCAGGAACCTCAACGACATTGCTAAGGATATCCGGAATCAGCGGC
 GATACAGGCAGAGGAGGAAGGCTGAGCTGGTAAAGCTGCAGCAGACCTACTCGGGCTGAACTCGAAGGC
 CACCTTTTACGGAGAGCAGGTGGATTAACAAGAGCTACATCAAGACCTGCTTGGATAACTTGGCCAGC
 AAGGGCAAGGTCTCCAAAAACCTAGGGAAATGAAAGGCAAAAAAAGCAAAAAAGATTTCTCTGAAGTACA
 CAGCAGCAAGACTGCATGAGAAGGGAGTGTCTTGAAATGAGGACCTTCAAGCAAACCAATTTAAAAA
 TGTTATCTCGAAATGGTCCAACAGAAGAAGTTGGAGACTTTGAAGTGAAGGCCAAGTTCATGGGCGTT
 CAGATGGAGACTTTCATGCTGCATTATCAGGACTTGTGCAGCTACAGTATGAAGGGGTTGCGGTATGA
 AGTTGTTTGATAGAGCTAAAGTGAATGTCAACCTCCTGATCTTCTTCTCAAAAAAAGTTCATGGGAA
 GTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

| | |
|-------------------------------|---|
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001108489 |
| Insert Size: | 4974 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: | <ol style="list-style-type: none">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: | <u>NM_001108489.1, NP_001101959.2</u> |
| RefSeq Size: | 6158 bp |
| RefSeq ORF: | 4974 bp |
| Locus ID: | 361598 |
| Cytogenetics: | 1q31 |