

Product datasheet for **MC200886**

Gab1 (NM_021356) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gab1 (NM_021356) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gab1
Synonyms: AA408973; AW107238
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC007483 sequence for NM_021356
 CTGGGCTGAAGCTAGAGCGACCGATCGTGGGAAGGGGAGGCAGAAAGGCTAGGAGGAGGAGGGCCGGGG
 CCCAGGCCGCGCCTCCCCGAACCCGCGCGCCCCGGGGTGGGGGAGGAGCGCAGGGGACAGGACAGA
 GGGGTCCCTCCCCGAAGCAGAGCCGCCCTGCGCCTCGTCCCTGTGCTGATCCCCGCCCTCATCCGAGGCT
 GGAGCGCAGACCCACCCTCCACCCGCGGACCCGCGACCTCCCCGACGCCCGGCGACGCCCTGACCCTCGC
 TGCTGGTCCGCGAACTCCCTAGGCTGATCAGGACCTGCCCTGTGCCGGCTGCCACCCGGACGCCGACG
 CCTTCCCAGGCGCCCTTTCCGAGCAGAGGGAAAGAGAAGATCGAGCCCCCTCAGTGTGAATGCGCAA
 CGGGCGGAGCGGAGCGGAGCGGACACCGCGCGGGCATTGTGTGTGCGCGTGCAGCGTGGGGTCCGCGAG
 CGGGGAGCACCCGCGGAGGTCCCGTTTCCAAGGGGCGGAGCGCAGGGCTTCCAGTTCTGGGCTCCCTGT
 CCGGACAGAGTCCAGCGGAGCCGACCCGCTGCCTAGGCGGCGGACGGCGCGCTGGCGGCCAGGAGGG
 CGCACTGAAAGAAGGTGCGCGAGCCCTGGTCCCCGCGGTTCCCGATCGAGTTCCTTTCAGTCCGCGAAT
 CTGCGGGAGAGGTTTCGATCGCCGACACAGGGCGCGGGGAGCCGGGCCGCCCGTCCGGGGAAATCTGAGAC
 GTCTCTGGGCTGCGTTTGACTGCGGTGCCCGCCGTGCACGGAGCGCGTCCACTGTGTCCACCGACCCCT
 TTGGTGTCTGGTCTCGAGTCTCACGGCGTGCACCATGAGCGGCGGCGAAGTGGTTTGCTCGGGATGGC
 TCCGCAAGTCCGCCCCGAGAAGAAGTTGAAGCGTTATGCGTGGAAGAGAAGGTGGTTTGTGTTGCGCAG
 TGGCCGTTTGACTGGAGACCCGGATGTCCTGGAGTATTACAAAACGATCATGCCAAGAAGCCTATTTCGG
 ATTATTGATTTAAATTTATGTCAGCAAGTTGATGCTGGTTGACATTCAACAAAAGGAGTTTGAACA
 GCTATATCTTTGATATCAACACCATCGACCGGATTTTCTACTTGGTGGCAGATAGTGAGGAAGACATGAA
 CAAGTGGTCCGTTGTATCTGTGACATCTGTGGATTCAATCCCACAGAAGAAGATCCTGTGAAGCCGCTG
 ACTGGTCTCTACAAGCACCCGTCGATTACCTTTCGCTATAAGTACAGCACAGCCTCCAGTCAGATGG
 AAGCTTCTCAGTCGCGTACCTCCTCCTTACCAGGTCATCAGCCTTCCGCCACACCCAGACACCCTCGG
 CCTCCAGGACGATCCACAAGACTACCTCTGTGATCAACTGTCAAAGCAAGAAGCCTGAACCTAACAGA
 ACCCTCTTGACTCTGCCAAGCCACCTTTTCTGAGACAGACTGCAATGACAACGTCCTTCCCACCAGA
 CTCCTGCTTCTCCAGAGCAAACACGGAATGAATGGCTTTTTCCAGCAACAAATGATGTATGACTGCC
 ACCGTCGCGGCTGACATCTGTCTCGGAGAGTCCAGCCTCTATAACCTGCCAGGAGCTATCCCATGAC
 GTGTTGCCAAAGGAATCCCATCAAGCACGGAGCCGACGGGGAGCTGTACACCTTAAACACCCCATCTG
 GGACTGCAGGTGTAGAAACGCAGATGAGACATGTATCCATCAGTTACGACATTCCGCCAACACCTGGCAA



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CACTTACCAGATCCCACGGACATTTCCAGAAAGCACACTGGGACAGTCATCAAAGCTGGACACCATTCTT
 GATATCCCCCACCTCGGCCACCAAAGCCACATCCAACCTCATGACCGGTCTCCTGTGAAACGTGTGGAG
 TCCCACGCACGGCCTCGGACACTGACAGCAGTTACTGTATCCCTCCTCCAGCAGGCATGACGCCCTCCCG
 GAGTAATACCATTTCCACCGTGGATTTGAACAAGTTGCGGAAAGATGCTAGTTCTCAAGATTGCTATGAT
 ATTCCACGGACCTTTCCGAGCGATAGATCTAGTTCCCTGGAAGGCTTCCATAGCCAGTATAAAATCAAAA
 GCGTGTGACAGCGGGAGGTGTCTCGGGTGAAGAGCTGGATGAGAACTACGTTCCCATGAACCCAACTC
 GCCACCTCGACAACATTCGGCAGCTTTACCGAGCCAATCCAGGAGCCAAACTATGTGCCAATGACCCCA
 GGGACCTTTGACTTTTCTTCTTTGGAATGCAAGTCCCTCCTCCTGCTCATATGGGCTTCAGGTCCAGCC
 CAAAGACCCCTCCAGGAGGCCAGTTTCTGTTGCTGACTGTGAACCACCCCGGTGGATAGGAACCTCAA
 GCCAGACAGAAAAGTCAAGCCGGCACCTTTAGACATAAAACCTCTGTGAGAATGGGAAGAGCTGCAAGCC
 CCAGTCAGATCTCCATCACCAGGAGCTTCGCTCGGGACTCCTTAGGTTTCCCATGTCCCTCGGCCTG
 ATTCTGTGCACAGTACGACATCGAGCAGCGACTCTCATGACAGTGAAGAGAACTATGTCCCCATGAATCC
 AAATCTGTCTGGCGAAGACCCGAATCTCTTTGCCAGCAACAGCCTTGATGGGGGAAGCAGCCCGATGAAT
 AAACCCAAAGGAGACAAACAAGTCAATACCTGGATTTAGACCTAGATTCTGGGAAGTCCACGCCACCAC
 GGAAGCAAAGAGCAGTGGTTCTGGCAGCAGCATGGCAGACGAGAGGGTGGATTACGTTGTGGTGGACCA
 ACAGAAGACTCTGGCCCTGAAGAGTACCAGAGAAGCTTGACGGATGGGAGGCAGTCCACAGAGTCCGAG
 ACACCCACCAAGAATGTGAAGTGAAGACATGCCGTGCGCTCTGCCGGCAGACGAGATCTGAGTGGAAAGA
 GAGATGCCAAGTGAAGATGTTCCCACTCTCAGTGGAGCCTCGAGCCAGCAGGGGCAGAGAGAAGGATCTC
 TCACACATGTTCAAGCAAATTAGGTTGTGAATGGTGTGTGGTATTGGATTTAACAAGTGTAAATAAC
 CCGGGGAAATAGTGTTTTAGTTTACAGAGAAGCTTCTGTCCCTAATTAACACACCTGTAGTATTACTAT
 ACTGATGCACTTTTCATTTAAAACCTTGGTTTGGGTCTTCCCGATCTACCTTAACAGACTTTCTTGGGA
 GGTCTTTTGGCCTCCTCACACTACTCTATATAACAATACTAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
 AATCCAGTTGAAGCTACAGGGCTAACACCATTAAAACAAGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
 AAGGTGGTAGCCATTAGCTTAAGCTGTAGAACATAGTTGGACTTGTCTTCGTTGTTTTCCAAAAATTC
 GGGGATATTGTATATAGCAGGTCAAGACCTAGCTCTGACTCATGTACACTTAGGTTTTAACTGTAGGA
 CTTTGTATTATTATTTTTTTTGTAAATGACAGTGTGGGTTTCATCGTGTGAAGTTCTGCTGGGTAGGA
 TCTTGCACCTTTCAAAGACTGCCTTCTAGTTACTAGTAAAGCCCCAAATCATCCACAGCATGGACTGC
 TGGCCTGCTCTTACTCCTGTTTATGTGTTAAACATTATCTGCAAAAGGCAGATTATACGACTGACCAATC
 AGGTACGTACAAGGCACTGATGTGCTAATACAGTATTGGGTGAGACAAAGTGTTCAGTTAGTGTGCGT
 TCGTCTAATCTTGGTTTGAATTAATGAAACAGTTGGCGTTCAGTGTGCTGCTGCTGCTGCTGCTGCTG
 ATGAATTAGGCAGGAATCAAGATTACTACTCTTAGCTCGCTCGCTCTCTCTCTCTCCACCGTAGTGC
 TCTTCTAGGGTTTTCTTCTTCTACTTAATATCTTCTGGCCTTATATTTAAATCCCTATGCAATTAAT
 GTTTTATATCTGCGTTTTTAAAAAGAAATGTCATTTTAAAGTATTCTTGTATGTAGCAAGCACCTATTG
 CTTTTGTGAGTAAATGAATTAAGACTTTTGTACTGTGATTTGTACTCACTGCCCCAGTTCCCCAACTGTT
 GGAGCCTTGCTGCTGTGAAACGCTGTAGTACCATAGTTGTGTCCACCACCCAGCCGGGTCTGTGAGTCT
 CACCTGTCACGTGACATCGTCTGGTGTGGATGTTGGCTCTGAATTAGTGTCACTGCAGTTACACGTGCT
 GTCTAGGCTTTGCAAGATGCTGTAGTACCATAGTCGTGACCACCACCTAGCCAGGTCTGTGAGTCTCAC
 CTGTCACGTGCCATCATCTGGTGTCACTGCAGTTACACGTGTCTGTCTAGGCTTTGCCGCAACCTTGAGA
 AGCAGTAGCATTTTCCGTTGTTTACACAGTAAGGACAATGTCTCTGCATTGATCTGAGGCTCACTGGTG
 GCCTGGGGAAGGACACAGAGAACAAGATGTCTGCAGCTGAGGCTTGTCTCTTTCGTTTACAGACCTTTA
 CCTGTTGCTGAGTACACAATGCACCCCGCTTTTGGCCCACTGGCCACGGTGTGTGCCTAATCTGAGT
 TCTCCCTGGCTTTTCCAGTCAGTTTGAAGCTGTGTTTATAACTAGATGAAGTGTAGAATAGTAATATT
 AGATGCTTTTAAATGTTTCGCTTTTAAAAACAAAAACTAAAACCCAGAAGTGAATTTTGGGTGGATTT
 TTAATAAAAAAAGATTGAGTTTGTGTGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_021356
Insert Size: 2088 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:	BC007483 , AAH07483
RefSeq Size:	4877 bp
RefSeq ORF:	2088 bp
Locus ID:	14388
UniProt ID:	Q9QYY0
Cytogenetics:	8 C2
Gene Summary:	<p>Adapter protein that plays a role in intracellular signaling cascades triggered by activated receptor-type kinases. Plays a role in FGFR1 signaling. Probably involved in signaling by the epidermal growth factor receptor (EGFR) and the insulin receptor (INSR). Involved in the MET/HGF-signaling pathway.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the 3' coding region compared to variant 1. The encoded isoform (2) is shorter than variant 1.</p>