

Product datasheet for **MC200527**

Gas6 (NM_019521) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gas6 (NM_019521) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gas6
Synonyms:	Gas-6
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC005444 sequence for NM_019521
 GCGGCGCTGCCGCGCAGGGATGTGACCTTCACCGTCGCTTAGCCAGGATGACCGGAGCCCGTGTCTCGC
 GGCGTCCGCGCCTCGCTTCAGCCTCCCGGGTGTCTGACCGCACGCTCCCGGCTGCTAGGCTCCCGGCA
 CCGGCCTCGCCATGCCGCCACCGCCCGGGCCCGCCCGCCCTGGGCACTGCGCTTCTGTGCTCCTGCT
 GGCTTCCGAGTCTTCTCACACTGTGCTGTTGCGGGCGCGTGAGGCGGCGCAGTTTCTGCGGCCAGGCAG
 GCAGCAAAGAGGAGGCCAGAGAGGTGTTGAGAACGACCCCGAGACGGAGTATTTCTATCCACGATATCA
 AGAGTGCAATGAGAAAATATGGCAGGCCTGAAGAAAAAAACCAGATTTCCGCAAATGTGTTCAGAACTTG
 CCTGACCAGTGCACCCCAAACCTTGTGATAAGAAGGGTACTCATATCTGCCAAGACCTCATGGGCAACT
 TCTTCTGCGTGTGCACAGATGGCTGGGAGGCCGGCTCTGTGACAAAGATGTCAATGAGTGTGTCCAGAA
 GAATGGGGGTGCAGCCAGGTCTGCCACAACAACCAGGAAGCTTCCAATGTGCCTGCCATAGTGGCTTC
 TCGCTTGCATCAGACGGCCAGACCTGCCAAGATATCGATGAATGCACAGACTCAGACACCTGTGGGACG
 CGCGATGCAAGAACTTGCCAGGCTCCTACTCTTGCTCTGCGATGAGGGATATACATACAGCTCCAAGGA
 GAAGACCTGCCAAGATGTGGACGAGTGCCAGCAGGATCGTGTGAGCAGACCTGTGTCAACTCCCCAGGC
 AGCTATACCTGCCACTGTGATGGCGAGGGGGCTAAAACCTATCCCAGACATGGATACTTGTGAGGACA
 TCTTACCATGTGTGCCCTCAGCATGGCCAAGAGCGTGAAGTCTTGTACCTGGGCGCATGTTACAGCGG
 GACCCCGTGATTAGACTACGCTTCAAGAGGCTTCAGCCTACCAGGCTGTGGTGAATTTGACTCCCGC
 ACTTTTGACCCTGAAGGAGTCTCTTCTCGTGGAGGCCGTTACAGACAGCACCTGGATTGTCTGGGCC
 TAAGAGCTGGGCGGCTTGAGCTGCAGCTTCGGTACAATGGCGTTGGGCGCATCACCAGCAGCGGGCAAC
 CATCAACCACGGCATGTGGCAAATATCTCCGTGGAAGAGCTGGAACGTAACCTTGTATCAAGGTCAAC
 AAAGATGCTGTAATGAAGATCGCGGTAGCTGGGAGCTGTTTCAGCTGGAGAGGGCCTCTATCACCTGA
 ATCTCACCGTGGGCGCATTCCCTTCAAGGAGAGTGAGCTCGTCCAGCCGATTAACCTCGCTGGATGG
 GTGCATGAGGAGTTGAACTGGCTGAACGGGGAAGACAGCGCCATCCAGGAGACAGTCAAGGCAACACA
 AAAATGCAGTGCTTCTCTGTGACAGAAAGGGCTCCTTCTTCCCGGGGAATGGATTTGCTACCTACAGGC
 TCAACTACACCCGAACATCGCTGGATGTGCGCACGGAAACCACCTGGGAAGTTAAAGTTGTGGCTCGGAT
 CCGCCCTGCCACGGACACGGGGTGTGCTGGCGCTGGTGGGGACGACGATGTCGTCCCATCTCTGTG
 GCCCTAGTCGACTACCACTCTACAAAGAAGCTCAAGAAGCAGTTGGTGGTCTGGCAGTTGAGGATGTTG
 CCCTGGCACTGATGAAAATCAAGGTGTGCGACAGCCAGGAACACACGGTCACTGTCTCCCTGCGGGAGGG
 TGAGGCCACCCTAGAAGTGGATGGCACAAGGGCCAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
 CTGGACACACTTAAGACACATCTGCAAGGCTCTGTGCACACCTATGTTGGAGGCTGCCAGAAGTATCGG
 TGATTTCTGCACCGTCACTGCGTCTACCGCGGATGCATGACTCTGGAGGTAACGGGAAAATCCTGGA
 CCTGGATACGGCCTCGTACAAGCACAGTGACATCACCTCCCACTCTGCCCGCTGTGGAGCATGCCACC
 CCCTAGACCGAGCTGCAAGAGGGCTCCACACCTAAAGACAAAAATGAAGCAGGGTTTGGACACACAGCAC
 TGGCTCCTCTCGCATGGTCTGCAACACTGGAGCAGGTGGGCTACCGCCCTTGTGGTTTTTTTTTCTTGA
 GATCTTTCTTTTGCCTTGTAAACATATCTGTACATAATGGGACGGGTGTGCGGTCACCGGCTGCTCAGAG
 AGAGCCACGTGACCTGGTGGGAGCTGGCTGGAAGGGGCTGGGCTAGAGGGGCTGGCAGTTTGAGCAGAA
 CGGATGTGAAGAAAATAATTCTCTATTATTTTTTACTACATGCTTCTTCTGACTCTAAAATATGGAA
 AATAAAATATTTACAGAAACCTTTTTAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_019521

Insert Size: 2025 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: [BC005444](#), [AAH05444](#)

RefSeq Size: 2562 bp

RefSeq ORF: 2025 bp

Locus ID: 14456

UniProt ID: [Q61592](#)

Cytogenetics: 8 6.06 cM

Gene Summary: Ligand for tyrosine-protein kinase receptors AXL, TYRO3 and MER whose signaling is implicated in cell growth and survival, cell adhesion and cell migration. GAS6/AXL signaling plays a role in various processes such as endothelial cell survival during acidification by preventing apoptosis, optimal cytokine signaling during human natural killer cell development, hepatic regeneration, gonadotropin-releasing hormone neuron survival and migration, platelet activation, or regulation of thrombotic responses.[UniProtKB/Swiss-Prot Function]