

Product datasheet for **SC213691**

GFI1 (NM_001127216) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GFI1 (NM_001127216) Human 3' UTR Clone
Symbol:	GFI1
Synonyms:	GFI-1; GFI1A; SCN2; ZNF163
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001127216
Insert Size:	2000 bp



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Insert Sequence:	>SC213691 3'UTR clone of NM_001127216 The sequence shown below is from the reference sequence of NM_001127216. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC CACCGGGAGACGCAGCATGGGCTCAAAAGAGCACCTGGCTGGCTGCAAGCAGCAGCTACACAACACTA CAGAGGGCAGCCTCCCTGCTTGCCACCCTCTGCTCCCTGCTTGCTCCCTCCCTCTGACTTTCCAG ACCCAGGTCCAGTCTGCAGATCCTACCAGTTGCTCCTCCTCGCCTTACCTCCTGGAGCTGCCAGAA GAAATGAGGTACCTTTTCAAAGTGCAGCCGAGAGTGAGAACCAAGTGACTCTTAGGCTTCGGACACAA ATAGGCTCCTCTACACCTGAAGACAAAGGCAAGTCAAATGGGGACCAGAATAAATCTTAGACCCACACA GTCCTTCCCATTTCCAGCCCTAATCTACAGACAGGAATGCCCTTCAGGTTTCTTCCCTCCCCCTCTTG ACCTACCCAGATATTTGTGTGAAGAGGAGGAATCACCATTACAAGGTGGACAAATGCTAATATTTT TATCTAGAAAGAAGAGTGAGTGTTAACTTTTATTTTTTCTTCTGGGGGTCTGTTGACTCCTTTCTT TTGGGTGCTGCCTATAAATCTTGAGGAATCATTCTCCTCCTCAAAACGATTGAGAACTGACTTG GGGAAGGAATTTAATACTTTGAAGTCATGAGATGCACCATCGAGGCTACCCCAAGAAGAAGCAGAAGA GAAGTTGGTAATGAGAGGGGATTAGAGTCTCCTCCTTCAGTAGGGCTGTGAAAACCTCATCACTGGAGG TAAAGCACAAGCAATGCCTGTGGACAAGATGTATTCACTCAGCAAAATGTTATGATGATCACCAGG CTACCAAGGTACCAGGCACCATGCTAGGTATTGGGGAAGAGAGCTGAAGTCAACCCCTGACTGCTC CTCAAAAGCTAACGGTTGCACCTCCAAGTGGCTGGGTCTGTTCTTACTCTTGGAGGAATTCGAGAAG ACAGCACAGAATTGTAACCTTCCCTTTTGACCTTTTGGATTTTATCAGGTGTAACAAAAAGCTGAA CAGTTACTTCAAAGATATGTGTATATTCAGTTTTTTATTGTTAAGCTGATATTTAAAGATTTCTGA GCTAGCAGGCATGTGGGAAGGAAGGCTCTGCTTCAACTCTTTGACCTCCATGTGTACCATAGAGGGG GGAAAGGTGGTATTTTCACTTTGATGAGGTTGGTAAATGTTTTTAGATCTTCTGGTAAGCATTATGTTT GTTAATACATATTTATTAGAGTGATGTTTTAAGTTAATAAAGTATTAAGAGTATTACAGATTGCCTTTC CTTTAGGCAGGAATTTGGGGAAGACCTTTGTTTTAGTCTGTAGGGGAAAGCTGGCACTGAAGGAAAC TGCAATGGAGTATAAAGTGAAGCACACAAGCTAATATCCAGAAGAGTAAATCCAATTGCTCGGTTT CCATATACTTTCTCTTTGCTGCTACACCTCAGAGATACTTCTTTCATCTTCTTTCATAAGAGAAAAAC TAGGAGGTGTACAAAATAAGCTACTACCTGTAGAGCCCTGATGGTCCACAGGCACGTAAGTAAGC TCTTTCTCTGAAAATGTCAACATATTTTTTAGGGCCTGAAGGCTCCAGATGAATAAAGAAATCAC AGGTCTTAGGTCTAGGTTTATGTTTATGTCACAGCTCTGTACCAACACATCATGTGACTTGTGTAAT CTTTTGACTTCCCGGATACTGGTTTCCTTGATCAAGTAATACGGAGACAGCTCTGTCACTTCTGTCCAA CCCTGACCGCTTTGATTCTGTGGAGACTGGAAAGGAAAAAAGTGTGAGATTGGTTAGCTGCCTCCCT AATGCAAGTCACAAATCTAAAGGCCATGAGGATCTGGGTATTTCTGGTTCTGTCCACCTGTGGGAG TTTTTGCATAAGTCAATCCTTTAAGAGAATGAAACCAGAATAAATCCTGGCCAAATCCCTACTAC ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001127216.3</u>

Summary:

This gene encodes a nuclear zinc finger protein that functions as a transcriptional repressor. This protein plays a role in diverse developmental contexts, including hematopoiesis and oncogenesis. It functions as part of a complex along with other cofactors to control histone modifications that lead to silencing of the target gene promoters. Mutations in this gene cause autosomal dominant severe congenital neutropenia, and also dominant nonimmune chronic idiopathic neutropenia of adults, which are heterogeneous hematopoietic disorders that cause predispositions to leukemias and infections. Multiple alternatively spliced variants, encoding the same protein, have been identified for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

2672

MW:

75.3