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Product datasheet for SC213690

GFI1 (NM_005263) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GFI1 (NM_005263) Human 3' UTR Clone
Symbol:	GFI1
Synonyms:	GFI-1; GFI1A; SCN2; ZNF163
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005263
Insert Size:	2000 bp

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Insert Sequence:

>SC213690 3'UTR clone of NM_005263
The sequence shown below is from the reference sequence of NM_005263. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CACCGGGAGACGCAGCATGGGCTCAAATGAGCACCCTGGCTGGCTGCAAGCAGCAGCTACACAACACTA
CAGAGGGCAGCCTCCCTGCTTGCCACCACTCTGCTCCCTGCTTGCCTCCACTCCCTTCTGACTTTCCAG
ACCCCAGGTCCAGTCTGCAGATCCTACCAGGTTGCTCCTCCTTCGCCTTACCTCCTGGAGCTGCCAGAA
GAAATGAGGTACCTTTTCAAAGTGCAGCCGAGAGTGAGAACCAAGTGACTCTCTAGGCTTCGGACACAA
ATAGGCTCCTCTACACCTGAAGACAAAGGCAAAGTCAAATGGGGACCAGAATAAATCTTAGACCCCACA
GTCCTTCCCATTTCCAGCCCTAATCTACAGACAGGAATGCCCTTCAGGTTTCTTCCCTCCCCCCTCTTG
ACCTACCCCAGATATTTGTGTGGAAGAGGAGGAATCACCATTTACAAGGTGGACAAATGCTAATATTTT
TATCTAGAAAGAAGAGTGAGTGTTAACTTTTATTTTTTTCCTTCTGGGGGGTCTGTTGACTCCTTTCTT
TTGGGTGCTGCCTATAAATCTTGGAGGAATCATTTCTCCTCCTCAAAAACTGATTCAGAAACTGACTTG
GGGAAGGAATTTAATACTTTGAAGTCATGAGATGCACCATCGAGGCTACCCCCAAGAAGAAGCAGAAGA
GAAGTTGGTAATGAGAGGGGATTAGAGGTCCTCCCTTCAGTAGGGCTGTGAAAACCTCATCACTGGAGG
TAAAAGCACAAGCAATGCCTGTGGACAAGATGTCATTCATTCACTCAGCAAATGTTCATGGATCACCGG
CTACCAAGGTACCAGGCACCATGCTAGGTATTGGGGAAGAGAGACTGAAGTCACAACCCCTGACTGCTC
CTCAAAAGCTAACGGTTGCACCTCCAAGTGGCTGGGTCTGTTCTTACTCTTGGAGGGAATTCTGAGAAG
ACAGCACAGAATTGTAAACCTTCCCTTTTGACCCTTTTGGATTTTATCAGGTGTAAACAAAAAGCTGAA
CAGTTACTTCAAAGATATGTGTGTATATTCAGTTTTTTATTGTTAAGCTGATATTTTAAAGATTTCTGA
GCTAGCAGGCATGTGGGAAGGAAGGCTCTGTCTTCAACTCTTTGACCCTCCATGTGTACCATAGAGGGG
GGAAAGGTGGTATTTTCACTTTGATGAGGTTGGTAAATGTTTTTAGATCTTCTGGTAAGCATTATGTTT
GTTAATACATATTTATTAGAGTGATGTTTTAAGTTAATAAAGTATTAAGAGTATTACAGATTGCCTTTC
CTTTAGGCAGGGAATTTGGGGAAGACCTTTGTTTTAGTCTGTAGGGGGAAAGCTGGCACTGAAGGAAAC
TGCAATGGAGTATAAAAGTGAAGCACACAAGCTAATATCCAGAAGAGTAAAATCCAATTGCTCGGGTTT
CCATATACTTTCTCCTTTGCTGCTACACCTCAGAGATACTTCTTTCATCTTCTTTCATAAGAGAAAAAC
TAGGAGGTGTACAAAACTAAGCTACTACCTTGTAGAGCCCCTGATGGTTCCACAGGCACGTAAGTAAGC
TCTTTCCTCTGAAAATGTCAACATATTTTTTTAGGGGCCTGAAGGCTCCCAGATGAATAAAGAAATCAC
AGGTCTTAGGTCTAGGTTTTAGTTTTAGTCACAGCTCTGTCACCAACACATCATGTGACTTGTGTAAAT
CTTTTGACTTCCCCGATACTGGTTTCCTTGATCAAGTAATACGGAGACAGCTCTGTCATTCCTGTCCAA
CCCTGACCGCTTTGATTCTGTGGAGACTGGAAAGGAAAAAAAGTGTGAGATTGGTTAGCTGCCTCCCCT
AATGCAAGTCACAAATCTAAAGGCCCATGAGGATCTGGGTTATTTCTGGTTCTGTCCCACCTGTGGGAG
TTTTTTGCATAAGTCAATCCTTTAAGAGAATGAAACCAGAATAAAATCCTGGCCAAAATCCCTACTAC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-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: NM_005263.5

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