

Product datasheet for **SC213911**

ILF3 (NM_001137673) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ILF3 (NM_001137673) Human 3' UTR Clone
Symbol:	ILF3
Synonyms:	CBTF; DRBF; DRBP76; MMP4; MPHOSPH4; MPP4; MPP4110; NF-AT-90; NF90; NF90a; NF90b; NF90c; NF90ctv; NF110; NF110b; NFAR; NFAR-1; NFAR-2; NFAR2; NFAR90; NFAR110; TCP80; TCP110
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001137673
Insert Size:	1330 bp



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Insert Sequence:	<p>>SC213911 3'UTR clone of NM_001137673 The sequence shown below is from the reference sequence of NM_001137673. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TACGGCTATCATGATTTTGGGTCTTCCAGAGCGTCTAAAAGTATTGCACACAAAATCAACTTTTTACT CCAATTTCTCCAACCTCAAAAACCCAAAAGTGTCGGTGTGTCCCTGTGCTTCACTGGGTTTCTCAAC CGTGGCTTTTACCGCAGCTTGTCTGAACTCTTAGCCTGCAGAAATTAAGACAATGGCAGTTTTTATC GTGATTTGCCTTTGAAGTGGTCTATTGAAGTTCACAATAAGTGGAAAACAATTTTTTTCAGAGAATGT ATTTTTGTGCAGAATTGCACAGAATTCTAGAGACAGCGTTGTTCCGGCATCAAGGCAAAAGCCACCTTT GCTTTTTATGGAAAGCATTACTTTATTTAAAGAGACAGACAATGACGCATTTTAACTACCTTTGTCTT AATTTACAGCAGGTTTTGTATGAATTTTAACTTTTAACTTTTAACTTTTAACTTTTAACTTTTAACTTTT CAGTGATGAAAACGATTTACCACATCTGAATCCAGAGAAACCGGCTTTTTTTCTTATTGCGAGCATGT TAAAACGTTGGGAACATGTGGGAATTGTATATTGCGCTGAATTAACCTTCCCGCCTCTGTAATGCT CTGGTGGGTTCTTGTGGGAATGCGATATTTGTGGCTGGTTTAGCTAGAGAGTGAAGTCTCAAAGGT ATCAAAGTGTGCTTCCATTATTAGTGCAGAAACAGACAGGCTTTAAGGGGTAGATGACGTGAAATTT TGCAAGTCTTAATTACAGCTGCAGATGCATGGGATTCTGGATTTTTTGTGCTTTTGTGTTAATGGG ACTTTAAAAGTAATTGAGGAGAAAGAACCGTGATGTTCCCTGTTTCTCCAGTAAAGGACTGGCTTTTGC TTGGGCAGAGGTGGTGTCTGCTGGGTGTGCAGCTGCCACAGACTCCAAAGGCGTAGAAGTTTGTGCCAAC ACACGGAGTCATTCTGGCTCTCTGCTGAGGCCCTGTTTTCTGGCAGGTGCCCTCCTTGGAACTGGTT TTGGCTCTGATCAGCGGTTCTTTTTGCAGCAAAGCCTGCATCTGTGTTGACTTGAAGATTTTGGCTTT ATTCAGGCAAAAACCTGGTCAAAAATGTTACTACATGATTTGTTCCAGAGGTTTGAACATTCAGTGAA ACTTTTTAAAACCTTGTGATGATGATTTTTTTTTTTAGAAAGTTATTGTTGAGAATAATGTCTTT TTATACCAGGAAAATAGTTATCCTGAATGACGTTGAAAACCTCCCTCCCTTTATTTTTTTTAAATCA ATACATGTGAAAGTAACAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG</pre>
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_001137673.2

Summary:

This gene encodes a double-stranded RNA (dsRNA) binding protein that complexes with other proteins, dsRNAs, small noncoding RNAs, and mRNAs to regulate gene expression and stabilize mRNAs. This protein (NF90, ILF3) forms a heterodimer with a 45 kDa transcription factor (NF45, ILF2) required for T-cell expression of interleukin 2. This complex has been shown to affect the redistribution of nuclear mRNA to the cytoplasm. Knockdown of NF45 or NF90 protein retards cell growth, possibly by inhibition of mRNA stabilization. In contrast, an isoform (NF110) of this gene that is predominantly restricted to the nucleus has only minor effects on cell growth when its levels are reduced. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Dec 2014]

Locus ID:

3609

MW:

50.7