

## Product datasheet for **MC205525**

### Ilf2 (NM\_026374) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ilf2 (NM_026374) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ilf2
Synonyms:	6230405A16Rik; TEG-267; Tex261; Tex267
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC024718  
 AGCGGTTGTGTGGCCTCCATTGTTCAAGGATTAAGCGAGCCATGAGGGGTGACAGAGGACGTGGTCGTGGT  
 GGGCGCTTTGGTTCCAGAGGAGGGCCTGGTGGAGGGTTCAGGCCTTTTGTGCCCCATATCCCATTGATT  
 TTTATTTGTGTGAAATGGCTTTTCCCGGGTCAAGCCAGCACCTGATGAGACCTCCTTCAGTGAAGCCTT  
 GCTGAAGAGGAATCAAGACCTTGCCCTAATTCTGCTGAGCAGGCTTCCATCCTTTCTTTGGTGACAAAA  
 ATCAACAATGTGATTGACAACTTGATTGTGGCCCCAGGAACATTTGAAGTGCAAATGAAGAAGTCCGGC  
 AGGTAGGATCATATAAAAAGGGAACAATGACTACAGGACACAATGTGGCTGACCTGGTGGTAATACTAAA  
 GATCCTGCCAACATTGGAAGCTGTTGCTGCCCTGGGGAACAAAGTCGTGGAAAGCCTAAGGGCACAGGAT  
 CCTCAGAAAGTTTTGACCATGCTGACTAATGAAACTGGCTTTGAAATTAGCTCTTCTGATGCTACGGTGA  
 AAATTCTCATTACAACAGTGCCCCCAATCTCCGAAAAGTGGATCCAGAAGTCCATTTGGACATCAAGGT  
 GTTGACAGAGCGCTTAGCAGCCATCCGGCATGCCCGCTGGTTTGAAGAGAAGCCTTCTCAGTCCACAGTT  
 AAAGTTCTCATAAGATTGCTAAAGGACTTACGGATTCGTTTTCTGGCTTTGAGCCTCTCACACCCTGGA  
 TCCTTGACCTACTGGGCACTATGCTGTAATGAACAACCCACCAGACAGCCTTTGGCCCTGAATGTGGC  
 TTACAGGGCTGCTTGCAGATTCTGGCTGCAGGACTGTTCTTGCCTGGTCAGTGGGCATCACTGACCCG  
 TGTGAGAGTGGCAACTTCAGGGTACACACAGTTATGACCCTAGAACAACAGGATATGGTCTGCTACACAG  
 CTACAGACTCTGGTTCGAATTCTCTCCCATGGAGGCTTTAGGAAGATCCTTGGCCAGGAGGGGATGCCAG  
 CTATCTTGCTTCTGAAATATCTACCTGGGATGGAGTGATTGTGACACCCTCAGAAAAGGCTTATGAGAAG  
 CCACCTGAGAAGAAGGAGGGGGAGGAAGAGGAGGAGAACAACAGAAAGAACCTCAAGGAGAAGAAGAAG  
 AAAGCATGGAGACTCAGGAGTGACCTTCCCTTTACTGTTTCTCCCAAGGGAAGAGAGGCTAAGCCAGCC  
 ACCATGGGGCTTTAGATGGCGGCATTTCTGTGGCATAGGGAGACAGCAGGAAGGGAAACAACTGAAAAG  
 AAAAAACGCTACTGTTTCGATAGTGGCAAGCAGCTAGAAGTCTCCATTTGTGACTGCGTATGCCCTC  
 TGTCTGTCTGTGAGGAAGCAGAATGCCACACATTTCCCAATATTTAAACCTAACCACTCCCAACCAAGTAC  
 TTGTTGAAATGCTGTAACCGTCAATTGAGTATCTGGGAATTTTTTTTTTTTCTAAGAAAAATGATTA  
 GTACTTCTACTAGGGCTTTTGGTTTTATTTTTCTTCAATATGTAGCAACTACATTTGGCTTCTATAACC  
 TCAGTAGAATTCAGTTGAGTCTTTTATTATAACATTGAGATTGCTGTTTTAAATTATATAAATTGAAA  
 GTAATAGATTCTAGGATACCATTGTGATGGTTAATTTCTTACGCTTGGCCTAAAATAACCTGAATTTTC  
 TGCAAAGGATTAACCTAAATGTGGGTGAAAGCATCTTATGAGCTCAGTGCATGGACAGAATAAAGGGA  
 TAAATGGCAGAGTCCAGCATTCCCTTCTTGGAAAGCTTGATCACCTCACATTCTCATGTCTCAAAATAG  
 GCCCAAAATATGCGTCAGTGTGACCATGTCCTGAACCCTTTGAAACCATAATAAAATAAAATTTTTGT  
 TAAAAAATAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_026374

**Insert Size:** 1173 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: [BC024718](#), [AAH24718](#)

RefSeq Size: 1981 bp

RefSeq ORF: 1173 bp

Locus ID: 67781

UniProt ID: [Q9CXY6](#)

Cytogenetics: 3 F1

**Gene Summary:** Appears to function predominantly as a heterodimeric complex with ILF3. This complex may regulate transcription of the IL2 gene during T-cell activation. It can also promote the formation of stable DNA-dependent protein kinase holoenzyme complexes on DNA (By similarity). Essential for the efficient reshuttling of ILF3 into the nucleus (By similarity). [UniProtKB/Swiss-Prot Function]