

Product datasheet for **MC205315**

Klf11 (NM_178357) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klf11 (NM_178357) Mouse Untagged Clone
Tag: Tag Free
Symbol: Klf11
Synonyms: 9830142A17; D12Ert427e; Tieg2; Tieg2b; Tieg3
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC060642

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>BC060642
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AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Ascl-NotI
- ACCN:** NM_178357
- Insert Size:** 1509 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: [BC060642](#), [AAH60642](#)

RefSeq Size: 4022 bp

RefSeq ORF: 1509 bp

Locus ID: 194655

UniProt ID: [Q8K1S5](#)

Cytogenetics: 12 8.49 cM

Gene Summary: Transcription factor. Activates the epsilon- and gamma-globin gene promoters and, to a much lower degree, the beta-globin gene and represses promoters containing SP1-like binding sites inhibiting cell growth (By similarity). Represses transcription of SMAD7 which enhances TGF-beta signaling. Induces apoptosis.[UniProtKB/Swiss-Prot Function]