

Product datasheet for MC206173

II16 (BC058709) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	II16 (BC058709) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	II16
Synonyms:	mKIAA4048
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC058709

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AACCAGAAGACAGAGGTATGAGCATAAAAATAAAATTATTGTTAATGTCTTAAAAAAAAAAAAAAAAAAAAA AAAAAA

Restriction Sites: Ascl-NotI
ACCN: BC058709
Insert Size: 3969 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:	<ol style="list-style-type: none">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:	BC058709 , AAH58709
RefSeq Size:	5046 bp
RefSeq ORF:	3969 bp
Locus ID:	16170
Cytogenetics:	7 47.43 cM
Gene Summary:	Interleukin-16 stimulates a migratory response in CD4+ lymphocytes, monocytes, and eosinophils. Primes CD4+ T-cells for IL-2 and IL-15 responsiveness. Also induces T-lymphocyte expression of interleukin 2 receptor. Ligand for CD4.[UniProtKB/Swiss-Prot Function]