

Product datasheet for MC201616

Creb3l4 (NM_030080) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Creb3l4 (NM_030080) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Creb3l4
Synonyms:	1700012K17Rik; 5330432F22Rik; acre1; AIBZIP; ATCE; AV040530; AV258827; CREB4; J; JAL; mj; Tis; Tisp; TISP40
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC022605 sequence for NM_030080 GCGGGCTAGGCTGGTTTGGCAGAGCAAAGTTCTCCGAACAACAATAAGAGAATAAAACAGAAACATGG AGCTCGGGTGCCTGAGTTGCTGGAACCCCAAGATATCTTCTCGACGGGATCCTTCTGGAGCTGGG ATTCACCGGTCCCGCGTCAAAGTCCCGGTGACCAGGGCCTTCAGAAGAGTGAACCTGACGATTTCCCTG AACCTCTTTATCGATCCCAATATGATACACTGCTCAGAAACATCTCCTGGTAGGGACAGTGGGGTCTCTG AAGATCCCTGGCTCCCCTGCCCAACAGGCTTCCAGTCCCCTGCCCTCTATGAGGTTGTCTATGATTCAGG GACCTACAGGGAACCTCAGCGGGAAGCTGGGCCAACCTTCGGAAGTCTATTCAGATAGATCAGTGG ACCCCTGCACTTATGGTCCCTGATGCATGCACAGTCAGTGGACTGCCCTCCGATTCGCATAGACATATCC TGCTAGGGTCCAGCACCAGAGCCCAAGCCTCCTGCAGCCATGCCGCTCCGCAACATCATCTGTTCTCT GACAGATGAAGAAAAGCAACTGCTGGCACAAGAAGGGATTACTCTGCCCTCTCACCTGCCCTCACCAAG GCAGAGGAGAGAATACTCAAGAAGATCAGGAGGAAAATCCGCAACAAGCAGTCGGCTCAGGACAGCCGGC GGCGGAAGAAAGAATACTTAGATGGGCTGGAGAGCAGAGTGGCGGCTGTTCCGGAACAGAATCAGAACT ACAGAGAAAGGTCCAGGAGCTGGAGAGGCAGAACATCTTCTTGATGGAACAGGTCGCCAGTTACAGAAG CTCACTGCTCAGACCTCCAGCAGAGCTGCCAGACCAGCAGCTGTGTTCTGATTCTCTTTTTCTACTGG CTCTCATCATCTGCCCAGTTTTCAGCCCTTTTCAGGGTCAATCAGAAGCTAGGCCCGAGGATTATCAGCT TCATGGAGTGATTTCCAGAAATATCTTGACTCACGAGAACGTAACAGAAAACCTGGAGAGTCCAGTGCTA AAGTCCAACTGGAGGAGCTACCTGAAGCCCCAACTACAAATGGTTCAACAAAGACACATCTGAAGATGC GAGTGAAGGCGAGACCCCTGGACAGATCAGGGGAATGGTGCATACAGATGAGATGTAAGCCAATCACAC AAGACACCACACAGGCTCCCTATCACCTTTTATCATGTGGCAGGGCACCTCAAATGCTTGTGCATACATT TGTGATTTCAATTTCTTTGTGGTAAGGTCAAAGGGAACAAGTTTTAACTTGGAAATAAACTTCTCTAG CTCAAATTTCTAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_030080
Insert Size:	1113 bp



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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:	BC022605 , AAH22605
RefSeq Size:	1357 bp
RefSeq ORF:	1113 bp
Locus ID:	78284
UniProt ID:	Q9D2A5
Cytogenetics:	3 F1
Gene Summary:	<p>This gene encodes a CREB (cyclic AMP-responsive element-binding) protein with a transmembrane domain which localizes it to the ER membrane. The encoded protein may play a role in adiposity and male germ cell development. Homozygous knockout mice for this gene show increased adipogenesis, elevated testicular germ cell apoptosis and defects in spermatogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Both variants 1 and 2 encode the same isoform (1, also known as Tisp40beta or CREB3L4beta).</p>