

Product datasheet for MC200135

Ebp (NM_007898) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ebp (NM_007898) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ebp
Synonyms:	AI255399; m; mSI; P; Pabp; SI; Td
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC004620 sequence for NM_007898 GGCTATTAGGGAGCCTGCAGGTCTTCTGGAAAGTCGCAAGCCTGTGTTAGGAAGTCGCCCTGCGATCGC GCCGCCTGGGGTTTTTCTGTCCCTTTGTCCCTGTTTATGTACGAAGCTGCCAGCGGCCATAGAAACATG ACCACCAATACGGTCCCCTTGCACCCGTAAGCTGGCCAGGCACCTGAAGCTGGACAACCTTCGTGCCTAATG ACCTCCCGACTTCGCATATCCTGGTTGGCCTCTTCTCCATCTCTGGGGCCTAATTGTGATCACGTGGCT GTTGTCTAGCCGAGCTTCCGTCGTCCCCTTGGAGCTGGGCGGCGACTGGCCTTGTGCTGGTTTGTCTGTG TGTACCTTCATTCACCTTGTGATCGAGGGCTGGTCTCTCTACAATGGCATCCTTTTAGAAGACCAAG CCTTCTTATCCCAACTCTGGAAAGAGTATTCCAAGGGAGATAGCCGATATATCCTTAGTGACAGCTTCGT CGTCTGTATGGAGACTGTCACAGCTTGTCTCTGGGACCCTCAGCCTATGGGTAGTGATTGCCTTTCTC CGCCAACAGCCCTTCCGCTTTGCCTACAGCTTGTGGTGTCTATGGCCAGATATACGGGGATGTGCTGT ACTTCCTGACAGAGCTACACGAAGGACTCCAGCATGGGGAGATAGCCACCCCGTTTATTCTGGTTCTA TTTTGTTTTCTGAATGCTGTATGGTTGGTGTATACCAAGCATCCTTGTGCTTGTATGCCATAAAGCATCTC ACTAGTGCCAGAGCGTCTGGACAGCAAAGTCATGAAAATTAAGAGCAAGCATAACTAAAGAGCCGGAG AGTGGGCTGAGTCCCTGCTGATGAGGCGCTCTCCTCACTTCCCAGAAGACTCAAATCTTCTCTCCTCG CACAGGTTGGGGGGTCAAGACTATCGGACTTGTCCCCTCAAACATGATGAGTGAGCACACAAAGGGCC AGAGTCAGAAAAGGAAGGAACAAGTTGAGCTACTGCTAGGAACCTGAGGGAAAAGATGGATGAGAAGGT GGCAAGTCCGTGACGGTGGCAACTTCCCAAACCAGGAAATAAAATGTCTTTTACTAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_007898
Insert Size:	693 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:	<u>BC004620</u> , <u>AAH04620</u>
RefSeq Size:	1140 bp
RefSeq ORF:	693 bp
Locus ID:	13595
UniProt ID:	<u>P70245</u>
Cytogenetics:	X 3.7 cM
Gene Summary:	This gene encodes a transmembrane protein that localizes to the endoplasmic reticulum. This protein catalyses the conversion of delta8 to delta7 sterols, an important step in sterol biosynthesis. Mutations in this gene are responsible for the mouse tattered mutant phenotype. Tattered males are embryonic lethal, while heterozygous females have developmental defects. Deficiency of the related gene in human causes X-linked dominant chondrodysplasia punctata. [provided by RefSeq, May 2015]