

Product datasheet for SC209318

Calretinin (CALB2) (NM_007088) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Calretinin (CALB2) (NM_007088) Human 3' UTR Clone
Symbol:	Calretinin
Synonyms:	CAB29; CAL2; CR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_007088
Insert Size:	741 bp
Insert Sequence:	>SC209318 3'UTR clone of NM_007088 The sequence shown below is from the reference sequence of NM_007088. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
TTGACGAGCATGAGCTGGATGCCCTTTTGAAGGATCTGTACGAGAAAAACAAAAGGAAATGAATATTC
AACAGCTACCAACTACAGAAAGAGCGTCATGTCCTTGGCAGAGGCAGGGAAGCTCTACCGCAAGGACC
TGGAGATTGTGCTCTGCAGCGAGCCCCCATGTAAAGTGGGACGGGGGCTGCTTCTCCACCTCCCCCA
AACCTGCTTCTGCTGCCCTGATGCGTCTACCCAGACTCAGAGACCGTGAGCGCCCCGCCCCACCCCT
ACAGCCTGCACACACCTGCCTGCAGAGCAGGAAATGAGAGATAGAGGATGGGCAGCTGGGGGCTGTCC
TGAGCCCCCTGCACCCACCCCTGCCAGGCAGTCTTTGCTCAGTGGATCACACATGGAAGGTGATGG
GGGCATGGGTGGAGGGTCCCTAATTCTCTCGCTGTGATGCATGAGCTCCCTCGCTGTATGATTTAGGC
TTCTATGTCCAACAGAGTGGACTCTTCCCTCTCGCTCCCTCTGCCGGTCCCCCATGCCACCACCCACC
CCAAACTCCAGGTTCCATCCACCACCTTGCCAAATGGTGTAGCTGCTCTCAGAACTCCTGTGTGTGG
AAGGCACCCGCCCTTTCTTGCCTTCTTACTCGGCGTGCTCCTTTCTTTGGGTTTCTGTGTTACC
AAAGAAGAGTTTACAGACAATAAAATGGAAAGGTCCTGCTGTGGAACCTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACGCCGCTTCTATGAAAGG
  
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Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).


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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_007088.4</u>
Summary:	This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]
Locus ID:	794
MW:	27