

Product datasheet for **SC215316**

Calbindin (CALB1) (NM_004929) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Calbindin (CALB1) (NM_004929) Human 3' UTR Clone
Symbol:	Calbindin
Synonyms:	CALB; D-28K
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004929
Insert Size:	1595 bp



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Insert Sequence: >SC215316 3'UTR clone of NM_004929
 The sequence shown below is from the reference sequence of NM_004929. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCTCTTATTCTCTGTGCTGGGATAACTAGAGTTGGTGGCCGCAACCACTTGCTAGTGATACACTGTAT
CTAAAAATAACTGTGCACTATAAGGGAGTAGGCTGTATTTCTTTTATATCTGTAAATTTAACTGCAT
ATAGATAATTATCCAGGATGTGTGGCTCATTCTTTTCAGCTTGTTTCTATACTGTTTGAATATACAGT
TTTTGTAACCATATGATTGAAAAGAAGAAAGTCTATGCTTAGGCCAGTCAGTACACCCAATTTAAAAA
ATAACATATTCTGCTTTCACAAATATAGTTGAACAAGATTTCCCTAAAAATCCACCAGGATTAATCT
CTAAAATTCTAGTCTCTGATTTGCAAATGCACATTTGCTACTGAATAATGGAATTATGTATAACAAGCC
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GGAGGAATGTGCTTTTCCATCTAAAATACTCACAAAATATAGTTAATTGTGGCTTTATGAAGTTAACA
GTCTCATTACAGATTTAGTTTACCAATCAACAGCATGTCTACTGCTTGGATCCATACAAAACATATCGGT
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TCCAACAAAACCTTACTGTGAGAGAATATGACCTAAATCCATTTTCTAACTGTTTTCATGTGTGCAAAAT
TATTCTAGTCAACTGCTGTTTTATGTCATACTCTGTGTAATCTCTGATTAATTTAATACTGCATAT
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CAAACAGAAACGAGATTTGCCAAAACAAAATCAACAATGATGTTGAGTGGGAGATTGGCTTTGCC
TTTAGCGTGTAATGGAAGCACTGCCATTAGACTGAATTTAACTACTAAGAATAAATAAAGAAGAAAAT
AACCTTAA
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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).

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: [NM_004929.4](#)

Summary: The protein encoded by this gene is a member of the calcium-binding protein superfamily that includes calmodulin and troponin C. Originally described as a 27 kDa protein, it is now known to be a 28 kDa protein. It contains four active calcium-binding domains, and has two modified domains that are thought to have lost their calcium binding capability. This protein is thought to buffer entry of calcium upon stimulation of glutamate receptors. Depletion of this protein was noted in patients with Huntington disease. [provided by RefSeq, Jan 2015]

Locus ID: 793

MW: 62.3