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Product datasheet for SC215321

CLN5 (NM_006493) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CLN5 (NM_006493) Human 3' UTR Clone
Symbol:	CLN5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006493
Insert Size:	2000 bp

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Insert Sequence:

>SC215321 3'UTR clone of NM_006493
The sequence shown below is from the reference sequence of NM_006493. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCAGAAACAAAACACTCTCTGGTTTATAAAACACCTTAATTCTACTGCTCTTTTTTCTCCAATCACCA
GCATCTGTTTTTCAGGGGGTGATTTTACTTTTGTGAATTCCTTAGCCTTTCTTCCTTGGTGCATAAAGT
TAAAATGCACATCAGCAGAATTGCTGCATATTAACATCTCAGGACTCTTCTCTTGTAAAGAAGCTGAAA
TTCGTACTATATTGGCCAAAGTGAGCGAGTTAGGTGATCTTGGTTTCAATTTCCGAGCCTTTGTTAATA
TGGAGAATTATGGTTCATATCAGTTATGTAGGACCTTTGGACCCAGGGTCCTACAGATAGATATGGTGT
GCCCAGATTTTAAAAATACCTTCAAAAATAAAAAATACATTCAGTGACATTTTCATGGTGGGAGCTCTT
CTTTCTGATATGGCAGTTACACTTTTTCACTTAAGTGCTTTAGTTTAGACTAACTTTACAACTTCTATA
ACTTTTGGAACCAAGTTTAGTATAGTCTGATTACATTCCATTCACCTAACTTTAGACATTCGTTTAGAC
ACCATAACTGGAGTGATTGTGCTTCTAGATGTGGCAAATCCAGTGTTAACACATATTTCTGGCTGAGAT
TTTGGAACTAGCTAGTAACTGGCTTGTGTTCTTTAAGCATACTAACATCACTAAATCTTAGGATTTAGG
ATTGCTGTAAAGATGTAAGTTGTGTATGTTTGGCAGGTCACATTGAATGGCAGTGATAATGATTAATCA
AAGAACAAATGTCATCCTTGATCTTGCCTAATGTAGTTTATGTGCCAAACTTTCCAGGGTTTTGTAGTC
ACCTAGATTTTAAGCTGATAGCATAGTGCTTCAGCGGTTCTTCTAACCGGGGTATGCAGGAACATGGCT
GCAGACACGTTTGGGTAAACAGGCACCTTCTGACTTCTTCATTGTTTCCTGTAGTTCTCCCTCTTCCCA
CAAAGCTGTCAGCGCAGTGGAAGAGGTTGCACTTCTCCGAGAGAGGACAGGTTTCTGTTAAGATCACCA
AGTAGCTGTGCTTTAATTAGAGCCAGACAAGCTTTCAAGGTCCTTTAAGTATTTGATGATCAACTGAAC
ACGTTTCTATTCAAGGAGAAAACACCATTCAGTAAGAAGATGGAGTAGATATCAGATAAAACAATTCAC
GTTTAATATGTAAATGTACCAATTATGTGATTCAGTTTCAACTTTCAAGTACTTCCTGAGAGGTTAGTA
CATTATTATTGAGCTCTCACAGAAAGCTTAATCATAGATATAATTAACCTGATCCAAATGAGTAAAGTG
GACCTTAGAAAGGCTAAGTGATCTTTCTCTGGCTATCCAGCTAGTAGTAATGAAGTCAGGTCTTGAACC
CCGGTTCTGCTGACTGAATTGGATGCACTATAGTACAGGCTTTTAGCACCGAAGTGTGGTCCTCAGACC
AGTGCCTGCCAACCAGATGTTACTGGTCTGTGAGGAAATAAGTACAGATACTGACAGGAAGCTTTTATA
AACAATTTATTGGAGTGTTTTTGTTTCTGTTGGGTCTAATTAAAAAAAATTGGAGCTTGTATTTTATGTG
TCTTTGGTCTTATTTTGTCTAGGAATTCATTTTTGCTGGGTTTTTTTTTTTCAACTGTAGTCCCACAAC
AGTCTGAAAATAACCCAGTCACCAGATATCTTCCTCAAATACAGAGGGAGAACTTTCTTTCACGCCTCC
TTTAGCCTGTCGACTCCTTATAATAATGCCTAAATATTCCAAATTAATACTGCCTCTTTAACCTGCTAA
TTGTTTTCACAATGTTACAAGAAAACTTGGATCTGTGCATTATCACCATCTAGTGGCTAAACTCAGGCA
ACACGAACTTCTACCAAACTCAGGAAATTGCTCTGGAAAAACTACAGGATTTTGGATTTCCAGAACTGC
CTTGAAGAGACAAAGATTCTTGTACCAAGTTTTGGTCAACTGCAAATCAAAGAACTTGGTTATGCAGG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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).

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_006493.4

Summary: This gene is one of eight which have been associated with neuronal ceroid lipofuscinoses (NCL). Also referred to as Batten disease, NCL comprises a class of autosomal recessive, neurodegenerative disorders affecting children. The genes responsible likely encode proteins involved in the degradation of post-translationally modified proteins in lysosomes. The primary defect in NCL disorders is thought to be associated with lysosomal storage function. [provided by RefSeq, Oct 2008]

Locus ID: 1203

MW: 75.4