

Product datasheet for **SC127470**

CLINT1 (NM_014666) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLINT1 (NM_014666) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLINT1
Synonyms:	CLINT; ENTH; EPN4; EPNR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC127470 sequence for NM_014666 edited (data generated by NextGen Sequencing)

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ATGTTGAACATGTGGAAGGTGCGCGAGCTGGTGGACAAAGCCACCAATGTTGTTATGAAT
TATTCAGAGATCGAGTCTAAGGTTTCGAGAGGCAACGAACGATGATCCTTGGGGACCTTCT
GGGCAACTCATGGGAGAGATTGCCAAGGCTACATTTATGTATGAACAATTTCCAGAACTT
ATGAACATGCTTTGGTCACGAATGTTAAAAGACAACAAAAAGAATTGGAGAAGAGTTTAT
AAGTCGTTGCTGCTCCTAGCTTACCTCATAAGGAATGGATCAGAGCGTGTGTTACAAGT
GCCAGAGAACACATTTATGATTTACGATCCCTGGAAAATTACCACCTTGTAGATGAGCAT
GGTAAGGATCAAGGTATAAATATTCGACAGAAAGGTGAAGGAATTGGTTGAATTTGCCAG
GATGACGACAGGCTTCGTGAAGAGCGAAAGAAAGCAAAGAAGAACAAGACAAGTATGTT
GGGGTTTCTCAGACAGTGTGGAGGATTCAGATACAGTGAAAGATATGATCCTGAGCCC
AAATCAAATGGGATGAGGAGTGGGATAAAAAACAAGAGTGCTTTTCCATTCAGTGATAAA
TTAGGTGAGCTGAGTGATAAAATGGAAGCACAATTGATGACACCATCAGCAAGTTCGGG
AGGAAAGATAGAGAAGACTCTCCAGAAAGATGCAGCGACAGCGATGAGGAAAAGAAAGCG
AGAAGAGGCAGATCTCCAAAGGTGAATTCAAAGATGAAGAGGAGACTGTGACGACAAG
CATATTCATATCACACAGGCCACAGAGACCACCAACAGACACAAGCGCACAGCAAAT
CCTTCCAAAACCATTTGATCTTGGAGCAGCAGCATTACACAGGGGACAAAGCAAGTCCA
GATCAGAAATGCTTCAACCCACACACCTCAGTCTTCAGTTAAGACTTCAGTGCCTAGCAGC
AAGTCATCTGGTGACCTTGTGATCTGTTTGTGGCACCAGCCAGTCAACAGGAGGATCA
GCTGATTTATTCGGAGGATTTGCTGACTTTGGCTCAGCTGCTGCATCAGGCAGTTTCCCT
TCCCAAGTAACAGCAACAAGTGGGAATGGAGACTTTGGTGACTGGAGTGCCTTCAACCAA
GCCCATCAGGCCCTGTTGCTTCCAGTGGCGAGTCTTTGGCAGTGCCTCACAGCCAGCG
GTAGAACTTGTTAGTGGCTCACAATCAGCTCTAGGCCACCTCCTGCTGCCTCAAATTCT
TCAGACCTGTTTATGATCTTATGGGCTCGTCCCAGGCAACCATGACATCTTCCAGAGTATG
AATTTCTCTATGATGAGCACTAACACTGTGGGACTTGGTTTGCCTATGTCAAGATCACAG
AATACAGATATGGTCCAGAAATCAGTCAGCAAAACCTTGCCTCTACTTGGTCTGACCCC
AGTGTAACATCAGCCTAGACACTTACTACCTGGTATGCAGCCTTCCAAACCCAGCAG
CCATCACTGAATACAATGATTCAGCAACAGAATATGCAGCAGCCTATGAATGTGATGACT
CAAAGTTTGGAGCTGTGAACCTCAGTTCTCCATCGAACATGCTTCTGTCCGGCCCCAA
ACTAATGCTTTGATAGGGGGACCCATGCCTATGAGCATGCCAATGTGATGACTGGCACC
ATGGGAATGGCCCCTCTGGAAATACTCCGATGATGAACCAGAGCATGATGGGCATGAAC
ATGAACATAGGGATGTCCGCTGCTGGGATGGGCTTGACAGGCACAATGGGAATGGGCATG
CCCAACATAGCCATGACTTCTGGAAGTGTGCAACCCAAGCAAGATGCCTTTGCAAATTT
GCCAATTTTAGCAAATAA

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Clone variation with respect to NM_014666.3

Restriction Sites: Please inquire

ACCN: NM_014666

Insert Size: 3630 bp

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:

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: [NM_014666.2](#), [NP_055481.1](#)

RefSeq Size: 3425 bp

RefSeq ORF: 1878 bp

Locus ID: 9685

UniProt ID: [Q14677](#)

Cytogenetics: 5q33.3

Domains: ENTH

Gene Summary: This gene encodes a protein with similarity to the epsin family of endocytic adapter proteins. The encoded protein interacts with clathrin, the adapter protein AP-1 and phosphoinositides. This protein may be involved in the formation of clathrin coated vesicles and trafficking between the trans-Golgi network and endosomes. Mutations in this gene are associated with a susceptibility to schizophrenia and psychotic disorders. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2010]

Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.