

Product datasheet for **SC319306**

CHODL (NM_024944) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CHODL (NM_024944) Human Untagged Clone
Tag:	Tag Free
Symbol:	CHODL
Synonyms:	C21orf68; MT75; PRED12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_024944.2
 CCGGCTCAGCCTCTCACTTGTTCAGAGGCCGGGGAAGAGAAGCAAAGCGCAACGGTGTGGT
 CCAAGCCGGGGCTTCTGCTTCGCCTCTAGGACATACACGGGACCCCTAACTTCAGTCCC
 CCAAACGCGCACCTCGAAGTCTTGAATCCAGCCCCGCACATCCACGCGCGGCACAGGC
 GCGGCAGGCGGCAGGTCCCGGCCGAAGGCGATGCGCGCAGGGGTTCGGCAGCTGGGCTC
 GGGCGCGGGAGTAGGGCCCGCAGGGAGGCAGGGAGGCTGCAGAGTCAAGTTCGCGGGC
 TGCGCCCTGGGCAGAGGCCGCCCTCGCTCCACGCAACACCTGCTGCTGCCACCGCGCCG
 GATGAGCCGCGTGGTCTCGCTGCTGCTGGGCGCGCGTCTCTGCGGCCACGGAGCCTT
 CTGCCCGCGTGGTTCAGCGGCCAAAAGGTGTGTTTTGCTGACTTCAAGCATCCCTGCTA
 CAAAATGGCTACTTCCATGAACTGTCCAGCCGAGTGAGCTTTCAGGAGGCACGCCTGGC
 TTGTGAGAGTGAGGGAGGAGTCCCTCAGCCTTGAGAATGAAGCAGAACAGAAGTTAAT
 AGAGAGCATGTTGCAAAACCTGACAAAACCCGGGACAGGGATTTCTGATGGTGATTTCTG
 GATAGGGCTTTGGAGGAATGGAGATGGGCAAACATCTGGTGCCTGCCAGATCTCTACCA
 GTGGTCTGATGGAAGCAATTCACAGTACCGAAACTGGTACACAGATGAACCTTCTCGCG
 AAGTGAAGTGTGTTGTGATGTATCACAACCAACTGCCAATCCTGGCCTTGGGGTCC
 CTACCTTTACCAGTGAATGATGACAGGTGAACATGAAGCACAATTATATTTGCAAGTA
 TGAACCAGAGATTAATCCAACAGCCCCTGTAGAAAAGCCTTATCTTACAATCAACCAGG
 AGACCCCATCAGAAATGTGGTGTACTGAAGCAGGTATAATTCCAATCTAATTTATGT
 TGTTATACCAACAATACCCTGCTTACTGATACTGGTGTCTTTTGGAACTGTGTTT
 CCAGATGCTGCATAAAAGTAAAGGAAGAACAAAACACTAGTCCAAACAGTCTACACTGTG
 GATTTCAAAGAGTACCAGAAAAGAAAGTGGCATGGAAGTATAATAACTCATTGACTTGGT
 TCCAGAATTTTGAATTTCTGGATCTGTATAAGGAATGGCATCAGAACAATAGCTTGAAT
 GGCTTGAATCACAAGGATCTGCAAGATGAACTGTAAGCTCCCCCTTGGGCAAAATATT
 AAAGTAATTTTTATATGCTATTTATTTCAATTTAAAGAATATGCTGTGCTAATAATGGAGT
 GAGACATGCTTATTTGCTAAAGGATGCACCCAACTTCAAACCTCAAGCAAATGAAATG
 GACAATGCAGATAAAGTTGTTATCAACACGTCGGGAGTATGTGTGTTAGAAGCAATTCCT
 TTTATTTCTTTCACCTTTCATAAGTTGTTATCTAGTCAATGTAATGTATATTGTATTGAA
 ATTTACAGTGTGCAAAAGTATTTTACCTTTGCATAAGTGTGTTGATAAAAAATGAACGTTC
 TAATAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_024944

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_024944.2](#), [NP_079220.2](#)

RefSeq Size: 2625 bp

RefSeq ORF: 822 bp

Locus ID: 140578

UniProt ID: [Q9H9P2](#)

Cytogenetics: 21q21.1

Domains: CLECT

Protein Families: Transmembrane

Gene Summary: This gene encodes a type I membrane protein with a carbohydrate recognition domain characteristic of C-type lectins in its extracellular portion. In other proteins, this domain is involved in endocytosis of glycoproteins and exogenous sugar-bearing pathogens. This protein localizes predominantly to the perinuclear region. Several transcript variants encoding a few different isoforms have been found for this gene. [provided by RefSeq, Feb 2011]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).