

Product datasheet for **SC304457**

CDON (NM_016952) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDON (NM_016952) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDON
Synonyms:	CDO; CDON1; HPE11; Ihog; ORCAM
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_016952 edited

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GCCTGTCTGATTGCTTCTGTAATCTGGCGCTATGCATCCGGATCTTGGACCTTATGTA
CACTGCTGTATGTTACTCTTACAATTCTGTGCTTCTGTGAGTTCAGACTTGGACCTT
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AGGCAGAAGCATCTCTCATGTTGTTCTTTTGAACAAATACAAAAGCAGAGACAGTCA
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TCCCCATTCTTCTCCCTCGGTAGGAACAACCTT

Restriction Sites:

Please inquire

ACCN:

NM_016952

Insert Size:

4100 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).

OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a good match to NM_016952 except for 2 SNPs.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_016952.3, NP_058648.3</u>
RefSeq Size:	8044 bp
RefSeq ORF:	3795 bp
Locus ID:	50937
UniProt ID:	<u>Q4KMG0</u>
Cytogenetics:	11q24.2
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a cell surface receptor that is a member of the immunoglobulin superfamily. The encoded protein contains three fibronectin type III domains and five immunoglobulin-like C2-type domains. This protein is a member of a cell-surface receptor complex that mediates cell-cell interactions between muscle precursor cells and positively regulates myogenesis. [provided by RefSeq, Aug 2011] 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.