

Product datasheet for **SC332012**

CDON (NM_001243597) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDON (NM_001243597) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDON
Synonyms:	CDO; CDON1; HPE11; Ihog; ORCAM
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC332012 representing NM_001243597. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001243597
Insert Size:	3864 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:	<u>NM_001243597.1</u>

RefSeq Size: 8116 bp

RefSeq ORF: 3864 bp

Locus ID: 50937

UniProt ID: [Q4KMG0](#)

Cytogenetics: 11q24.2

Protein Families: Transmembrane

MW: 139.1 kDa

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 (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.