

Product datasheet for SC325915

Cbl c (CBLC) (NM_001130852) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cbl c (CBLC) (NM_001130852) Human Untagged Clone
Tag:	Tag Free
Symbol:	CBLC
Synonyms:	CBL-3; CBL-SL; RNF57
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325915 representing NM_001130852. Blue=Insert sequence Red=Cloning site Green=Tag(s)

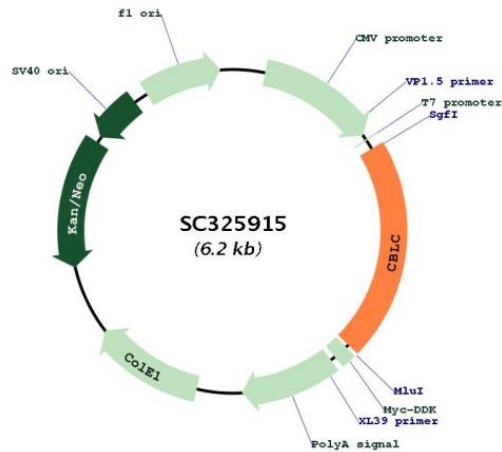
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001130852

Insert Size: 1287 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: 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_001130852.1](#)

RefSeq Size: 1453 bp

RefSeq ORF: 1287 bp

Locus ID: 23624

UniProt ID:	<u>Q9ULV8</u>
Cytogenetics:	19q13.32
Protein Families:	Druggable Genome
Protein Pathways:	Chronic myeloid leukemia, Endocytosis, ErbB signaling pathway, Insulin signaling pathway, Jak-STAT signaling pathway, Pathways in cancer, T cell receptor signaling pathway, Ubiquitin mediated proteolysis
MW:	47.4 kDa
Gene Summary:	<p>This gene encodes a member of the Cbl family of E3 ubiquitin ligases. Cbl proteins play important roles in cell signaling through the ubiquitination and subsequent downregulation of tyrosine kinases. Expression of this gene may be restricted to epithelial cells, and alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]</p> <p>Transcript Variant: This variant (2) omits an in-frame coding exon compared to variant 1, resulting in a shorter protein (isoform 2).</p>