

Product datasheet for **SC317698**

CROP (LUC7L3) (NM_006107) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CROP (LUC7L3) (NM_006107) Human Untagged Clone
Tag:	Tag Free
Symbol:	LUC7L3
Synonyms:	CRA; CREAP-1; CROP; hLuc7A; LUC7A; OA48-18
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006107, the custom clone sequence may differ by one or more nucleotides ATGATTTTCGGCCGCGCAGTTGTTGGATGAGTTAATGGGCCGGGACCGAAACCTAGCCCCG GACGAGAAGCGCAGCAACGTGCGGTGGGACCACGAGAGCGTTTGTAAATATTATCTCTGT GGTTTTTGTCTGCGGAATTGTTCAAAATACACGTTCTGATCTTGGTCCGTGTAAAAA ATTCATGATGAAAATCTACGAAAACAGTATGAGAAGAGCTCTCGTTTCATGAAAGTTGGC TATGAGAGAGATTTTTGCGATACTTACAGAGCTTACTTGCAGAAGTAGAACGTAGGATC AGACGAGGCCATGCTCGTTTGGCATTATCTCAAAACCAGCAGTCTTCTGGGGCCGCTGGC CCAACAGGCCAAAAATGAAGAAAAAATTCAGGTTCTAACAGACAAAATTGATGTACTTCTG CAACAGATTGAAGAATTAGGGTCTGAAGGAAAAGTAGAAGAAGCCAGGGGATGATGAAA TTAGTTGAGCAATTAAGAAGAGAGAGAACTGCTAAGGTCACACACGTCGACAATTGAA AGCTTTGCTGCACAAGAAAAACAATGGAAGTTTGTGAAGTATGTGGAGCCTTTTTAATA GTAGGAGATGCCAGTCCCGGTAGATGACCATTTGATGGGAAAACAACATGGGCTAT GCCAAAATTAAGCTACTGTAGAAGAATTAAGAAGAAAGTTAAGGAAAAGAACCGAAGAA CCTGATCGTGATGAGCGTCTAAAAAGGAGAAGCAAGAAAAGAGAAGAAAAGAGAAAAAGAA CGGGAGAGAGAAAAGGAAGAAAAGAGAAAAGAAAAGACGAAGGGAAGGAAAGAAAAGAA AAAGAAAAGGGCTCGTGACAGAGAAAAGAAAAGAAAAGAAAGTTCACGAAGTAGACTCA AGCCGAACATCAGACAGAAGATGCAGCAGGTCTCGGGACCACAAAAGGTCACGAAGTAGA GAAAGAAGGCGGAGCAGAAGTAGAGATCGACGAAGAAGCAGAAGCCATGATCGATCAGAA AGAAAACACAGATCTCGAAGTCGGGATCGAAGAAGATCAAAAAGCCGGGATCGAAAGTCA TATAAGCACAGGAGCAAAAAGTCGGGACAGAGAACAAGTAGAAAAATCCAAGGAGAAAAGAA AAGAGGGGATCTGATGATAAAAAAGTAGTGTGAAGTCCGGTAGTCGAGAAAAGCAGAGT GAAGACACAAACTGAATCGAAGGAAAGTGATACTAAGAATGAGGTCAATGGGACCAGT GAAGACATTAATCTGAAGGTGACTACTCAGTCCAAT
Restriction Sites:	Please inquire
ACCN:	NM_006107
Insert Size:	2020 bp



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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:	<ol style="list-style-type: none">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_006107.2 , NP_006098.2
RefSeq Size:	2020 bp
RefSeq ORF:	1299 bp
Locus ID:	51747
UniProt ID:	O95232
Cytogenetics:	17q21.33
Protein Families:	Stem cell - Pluripotency
Gene Summary:	<p>This gene encodes a protein with an N-terminal half that contains cysteine/histidine motifs and leucine zipper-like repeats, and the C-terminal half is rich in arginine and glutamate residues (RE domain) and arginine and serine residues (RS domain). This protein localizes with a speckled pattern in the nucleus, and could be involved in the formation of spliceosome via the RE and RS domains. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Aug 2009]</p> <p>Transcript Variant: This variant (2) lacks an internal region in the 3' UTR, as compared to variant 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.</p>