

Product datasheet for **RN205874**

Luc7I3 (NM_001108291) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Luc7I3 (NM_001108291) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Luc7I3
Synonyms:	Crop; RGD1307981
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN205874 representing NM_001108291
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATTTTCGCGCCGCGAGTTGTTGGATGAGTTAATGGCCGGGACCGAAACCTGGCCCCGGATGAGAAGC
 GCAGCAACGTGCGGTGGGACCACGAGAGCGTTTGTAAATATTATCTCTGTGGTTTTTGTCTGCGGAATT
 GTTCACAATACCCGTTCTGACCTTGGTCCATGTGAAAAATTCATGATGAAAATCTAAGAAAAACAGTAT
 GAGAAGAGTTCTCGGTTTATGAAAGTTGGCTATGAGAGAGATTTTTTGGGATACTTACAGAGTTTACTTG
 CCGAGGTCGAGCGTAGAATTAGACGAGGTCATGCTCGTTTGGCATTATCTCAAAATCAGCAGTCTTCTGG
 GGCTGCTGGTCCAACAGGCAAAAATGAAGAAAAATTCAGGTTCTGACAGACAAAATGATGTGCTTCTA
 CAGCAGATTGAAGAGTTAGGATCTGAAGGAAAGGTAGAAGAAGCCAGGGAATGATGAAATTGGTTGAAC
 AGTTAAAGGAAGAGAGAGAATTGCTAAGATCTACAACCTCGACTATAGAAAGTTTTGCTGCCAAGAAAA
 ACAGATGGAAGTCTGTGAAGTGTGCGGAGCTTTTTTGTAGTAGGAGATGCCAGTCCCGGGTAGACGAC
 CATCTGATGGGGAAGCAGCACATGGGCTACGCCAAAATTAAGCCACTGTGGAAGAATTGAAAGAAAAGT
 TAAGAAAAAGAACAGAGGAACCCGATCGGGATGAACGCTCTCAAAAAAGAGAAGCAAGAAAAGAGAGGAAAG
 AGAAAAAGAGCGGGAGAGAGAAAAGGGAAGAACGGGAAAAGAAAAGACGAAGAGAAGGAAGAAAAGAGAA
 AAAGAAAGAGCTCGTGACAGAGAAAAGGAGAAAAGAGAAAGTCGTTCCAGGAGTAGACACTCAAGCCGAACTT
 CTGACCGGAGATGCAGCAGGTCCTCGGGACCACAAAAGATCACGGAGTAGACAGAGAAGGAGAAGCAGAAG
 TAGAGATCGACGAAGAAGCAGAAGCCATGACAGATCAGAAAGAAAACATAGATCTCGCAGTCGGGATCGA
 AGACGGTCAAAAAGCCGAGATCGAAAGTCCTATAAACACAGGAGCAAAAAGTCGGGACAGAGAACAAAGATA
 GAAAGTCCAAGGAGAAAAGAAAAGAGGGAGCCGATGATAAAAAGAGTAGTGTGAAGTCCAGTAGTCGAGA
 AAAACAAAAGTGAAGACACAAAACCTGAGTCGAAGGAAAAGTGACACTAAGAGTGAGGTCAATGGGACCAAGT
 GAAGACATAAAATCTGAAGTGCAGCGTAAGTATGCACAGACGAAGACGGAGCTAAGCCGTGTAAGAAGAC
 ATCAAAAAGCCTCTTCTGAAGGAAAAGACAGTGTAGTCCTGCAAAAACATTTGGAGGTACATTGTTTTGTC
 TCAGCTATTTTGTAGCAGACTTCGTGCCCCATTAGTGTCCCTCTTTGAAATTACTGTCCACGTATGTA
 ATGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108291

Insert Size: 1476 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: [NM_001108291.1](#), [NP_001101761.1](#)

RefSeq Size: 3331 bp

RefSeq ORF: 1476 bp

Locus ID: 360602

Cytogenetics: 10q26