

Product datasheet for **SC201208**

LRWD1 (NM_152892) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	LRWD1
Synonyms:	CENP-33; ORCA
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_152892
Insert Size:	149 bp
Insert Sequence:	>SC201208 3'UTR clone of NM_152892 The sequence shown below is from the reference sequence of NM_152892. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC AACATCGTAGCCATCTGGGGGAGGATGAGCCTCACACCATCGCAAAGGACCAGGGACACAGCTAACTA ACTTATTCAGCTTTGGGCCGATGGGGGTGGGGGGGGTCTTTCAGTGAATATTTTATTAACCTCTACT GTGGACAAGAA ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_152892.3</u>
Summary:	The protein encoded by this gene interacts with components of the origin recognition complex (ORC) and regulates the formation of the prereplicative complex. The encoded protein stabilizes the ORC and therefore aids in DNA replication. This protein is required for the G1/S phase transition of the cell cycle. In addition, the encoded protein binds to trimethylated histone H3 in heterochromatin and recruits the ORC and lysine methyltransferases, which help maintain the repressive heterochromatic state. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015]
Locus ID:	222229
MW:	5.5