

Product datasheet for **SC324506**

ZC3H15 (NM_018471) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZC3H15 (NM_018471) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZC3H15
Synonyms:	HT010; LEREPO4; MSTP012
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_018471.2
 CTGCGCGTAAGTCTGGCCGGTGCCATCTGTCTCCGCAATGCCCCCAAGAAACAGGCTCA
 GGCCGGGGGCGAGCAAAAAGGCGGAGCAAAAAAGAAGGAGAAGATTATCGAAGACAAAAC
 TTTTCGGTTTGAAGAATAAGAAAGGAGCAAAAGCAACAGAAGTTTATCAAGGCTGTCACACA
 TCAAGTTAAATTTGGTCAACAAAATCCACGTACAGTAGCACAGAGTGAAGCTGAAAAGAA
 ATTGAAGAAGGATGACAAGAAGAAGAATTGCAGGAGCTAAATGAGCTGTTCAAACCTGT
 AGTTGCTGCTCAAAAAAT AAGTAAAGGTGCAGATCCCAAGTCTGTAGTATGTGCATTCTT
 CAAGCAAGGACAGTGTACTAAAGGAGATAAGTGT AAGTTCTCCATGACTTGACTCTGGA
 GAGAAAATGTGAAAAGCGAAGTGTTTACATTGATGCAAGAGATGAAGAACTTGAAAAAGA
 TACTATGGATAATTGGGATGAGAAAAAGCTGGAAGAAGTGTGAACAAGAAGCACGGTGA
 GGCGGAAAAGAAAAACCAAAACTCAAATAGTGTGCAAGCATTTCCTGGAGCTATTGA
 AAACAACAAGTATGGCTGGTTTTGGGTATGCCCTGGAGGGGGTGATATTTGCATGTATCG
 TCATGCACTTCCTCCTGGATTTGTGTTGAAAAAGATAAAAAGAAAGAAGAGAAAAGA
 TGAATTTTCATTAGAAGATCTAATTGAGAGAGAGCGTTCTGCCCTAGGTCCAATGTTAC
 CAAAATCACTCTAGAATCTTTTCTTGCCCTGGAAGAAAAGGAAAAGACAAGAAAAGATTGA
 TAAACTTGAACAAGATATGGAAAAGAAAGCTGACTTCAAAGCAGGGAAGCACTAGT
 GATCAGTGGTCTGGAAGTGTGTAATTTTCGTCCTGAACTGGTCAATGATGATGATGAGGA
 AGCAGATGATACCCGCTACACCCAGGGAACAGGTGGTGTGAGGTTGATGATTGATGAG
 TGTAAATGACATAGATTTAAGCCTGTACATCCCAAGAGATGTAGATGAAACAGGTATTAC
 TGTAGCCAGTCTTGAAAGATTGAGCACATATACTTCAGATAAAGATGAAAACAAATTAAG
 TGAAGCTTCTGGAGGTAGGGCTGAAAATGGTGAAGAAGTACTTGAAGAGGACAACGA
 GAGGGAGGGAACGGAAAATGGAGCCATTGATGCTGTTCTGTTGATGAAAATCTTTTCAC
 TGGAGAGGATTTGGATGAACTAGAAGAAGAATTAATACACTTGTATTTAGAAGAATGACA
 CCAAACACATCGCTGAAAAAATTAAGTCAGCTCAGCACGAGTTGAAATTGACTACATTAA
 TTTCTTTCCACCTAGAATCAACAGGATGTTTATTTCTATGCTGATTCTGGAGGATTAA
 CCTCCTGCAAAAAAGGCATCTTGTCCCTACATCTTCTCTCTGACTTTGGCTACATCTCA
 TAGTAAGTTCAGAGTAGTTCATGATAAATTGAAAATATAATGGTCATTGCAGAAAATGAT
 TGATGTTGTAAGTGTCCACCAAGTAAGAAGTGTATCTGCCTTTCCATCTTTTGGTTTTTC
 ATTTGGGCATGTGCTATTACCAGAAAACAACAACTTATATTTAAATACCCTTCATTGGA
 CACAGTTTTTAATGAGTGATTTAATTTCTCTGTATTTGTATGTTTGAAGACTGCCTAA
 AACATGAGCACTGTACTTCATAAAGGAACTGCGTATGCAGATTCAGTATTGTGTATCTT
 TGGACAATTAGATGGACATTTAAATGGAATCTTTTATCTGACAGGATCAGCTACAAT
 GCCCTGTGTTAAATTGTTTAAAAGTTTCCCTTTTCTTTTTTGCCAATAAAGTTGTAATA
 AAGACCATCATACATTAATAATCCAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_018471

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:	<u>NM_018471.2, NP_060941.2</u>
RefSeq Size:	2149 bp
RefSeq ORF:	1281 bp
Locus ID:	55854
UniProt ID:	<u>Q8WU90</u>
Cytogenetics:	2q32.1
Domains:	zf-CCCH
Gene Summary:	Protects DRG1 from proteolytic degradation (PubMed:19819225). Stimulates DRG1 GTPase activity likely by increasing the affinity for the potassium ions (PubMed:23711155). [UniProtKB/Swiss-Prot Function]