

Product datasheet for SC113444

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113444 sequence for NM_018471 edited (data generated by NextGen Sequencing) <pre> ATGCCCCCAAGAAACAGGCTCAGGCCGGGGCAGCAAAAAGCGGAGCAAAAAAGAAG GAGAAGATTATCGAAGACAAAACCTTTTCGGTTTGAAGAATAAGAAAGGAGCAAGCAACAG AAGTTTATCAAGGCTGTACACATCAAGTTAAATTTGGTCAACAAAATCCACGTACAGGTA GCACAGAGTGAAGCTGAAAAGAAATTGAAGAAGGATGACAAGAAGAAAGAATTGCAGGAG CTAAATGAGCTGTTCAAACCTGTAGTTGCTGCTCAAAAAATAAGTAAAGGTGCAGATCCC AAGTCTGTAGTATGTGCATTCTTCAAGCAAGGACAGTGTACTAAAGGAGATAAGTGTAAAG TTCTCCCATGACTTGACTCTGGAGAGAAAATGTGAAAAGCGAAGTGTTCATTGATGCA AGAGATGAAGAACTTGAAGAAAGATACTATGGATAATTGGGATGAGAAAAAGCTGGAAGAA GTAGTGAACAAGAAGCACGGTGAGGCGGAAAAGAAAAACCAAAACTCAAATAGTGTGC AAGCATTTCTGGAAGCTATTGAAAACAACAAGTATGGCTGGTTTTGGGTATGCCCTGGA GGGGGTGATATTTGCATGTATCGTCATGCACTTCTCCTGGATTTGTGTTGAAAAAGAT AAAAAGAAAGAAGAGAAAGAAGATGAAATTTTATTAGAAGATCTAATTGAGAGAGCGT TCTGCCCTAGGTCCAAATGTTACCAAAATCACTCTAGAATCTTTTCTTGCCTGGAAGAAA AGGAAAAGACAAGAAAAGATTGATAAACTTGAACAAGATATGAAAGAAGGAAAGCTGAC TTCAAAGCAGGGAAGCACTAGTGATCAGTGGTCGTGAAGTGTGTTGAATTTGTCCTGAA CTGGTCAATGATGATGATGAGGAAGCAGATGATACCCGCTACACCCAGGGAACAGGTGGT GATGAGGTTGATGATTTCAGTGAGTGTAAATGACATAGATTTAAGCCTGTACATCCCAAGA GATGTAGATGAAACAGGTATTACTGTAGCCAGTCTTGAAAGATTACGCACATATACTTCA GATAAAGATGAAAACAAATTAAGTGAAGCTTCTGGAGGTAGGGCTGAAAAATGGTGAAGA AGTGACTTGGAAGAGGACAACGAGAGGGAGGGAACGGAATGGAGCCATTGATGCTGTT CCTGTTGATGAAAATCTTTTCACTGGAGAGGATTTGGATGAAGTGAAGAAGAATTAAT ACACTTGATTTAGAAGAATGA </pre>

Clone variation with respect to NM_018471.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018471 unedited
 GTAATACGACTCACTATAGGGCGCCGCGAATTCGGCACGAGGGCGGTGCGGCGAGTGAG
 GCGCCGGTCTTCTCCTCGTCTGCCGACAGGGCCAGAACCCTGACGGTATTCAGCTGCG
 CGTAAGTCTGGCCGGTGCCATCTGTCTCCGCAATGCCCCCAAGAAACAGGCTCAGGCCG
 GGGGCAGCAAAAAGGCGGAGCAAAAAAGAGGAGAAGATTATCGAAGACAAAACCTTCG
 GTTTGAAGAATAAGAAAGGAGCAAGCAACAGAAGTTTATCAAGGCTGTCACACATCAAG
 TTAAATTTGGTCAACAAATCCACGTAGGTAGCACAGAGTGAAGCTGAAAAAGAAATGA
 AGAAGGATGACAAGAAGAAAGAATTGCAGGAGCTAAATGAGCTGTTCAACCTGTAGTTG
 CTGCTCAAAAAAAGTAAAGGTGCAGATCCCAAGTCTGTAGTATGTGCATTCTTCAAGC
 AAGGACAGTGTACTAAAGGAGATAAGTGTAAAGTTCTCCATGACTTGACTCTGGAGAGAA
 AATGTGAAAAGCGAAGTGTTCATTGATGCAAGAGATGAAGAACTTGAAAAAGATACTA
 TGGATAATTGGGATGAGAAAAAGCTGGAAGAAGTAGTGAACAAGAAGCACGGTGAGGCGG
 AAAAGAAAAACCAAACTCAATAGTGTGAAGCATTCTCGAAGCTATTGAAAACA
 ACAGTATGGCTGGGTTTTGGGTATGCCCTGGAGGGGGTGATATTTGCATGTATCGTCATG
 CACTTCCTCCTGGNATTTGTGTTGAANAAAGATANAAGAAAAGAGAGAAAGATGATGAAA
 TTTCTTAGAAGATCTAATGAGAGAAAAAGCGTCTGCCCTAGGTNCAATGTTACCAAT
 CACTCTAGAATCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018471 unedited
 ACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGGATTTTAATGTATGAT
 GGTCTTTATTTACAACCTTATTGGCAAAAAGAAAAGGAACTTTTAAACAATTTAACA
 CAGGGCATTGTAGCTGATCCTGTCAGATAAAAGAAGTTCCATTTTAAATGTCCATCTAAT
 TGTCCAAAGATACACAATACTGAATCTGCATACGCAGTTTCCTTTATGAAGTACAGTGCT
 CATGTTTTAGGCAGTCTTCTAAACATACAAATACAGAGGAAATTAATCACTCATTAAAA
 ACTGTGTCAAATGAAGGGTATTTTAAATATAAGTTTGTGTTTCTGGTAATAGCATATGC
 CCAATGAAAACCAAAAGATGGAAAGGCAGATACACTTCTTACTTGGGTGGACAGTTACA
 ACATCAATCATTTTCTGCAATGACCATTATATTTCAATTTATCATGAATACTCTGAAC
 TTAATATGAGATGTAGCCAAAGTCAGAGAGAAGATGTAGGGACAAGATGCCTTTTTTGC
 AGGAGGTTAACTCCTCCAGAATCAGCATAGGAAATAAATCCTGTTGATTCTAGGTGGA
 AAGAAATTAATGTAGTCAATTTCAACTCGTGTGAGCTGACTTAATTTTTTCAGCGATGT
 GTTTGGTGTCTTCTTAAATCAAGTGTATTTAATTTCTTCTAGTTTCAATCCAAATCC
 TCTCCAGTGAAAAGATTTTCATCAACAGGAACAGCATCAATGGCTNCATTTTCCGTCCC
 TCCCTCTCGTTGTGCTCTTCCAGTCACTTCTTTCACATTNTCAGCCCTACTNCAGAAGCT
 CACTTTAATTGTTTCTTCTATCTGAGNATATGTGCTGAATCTTCAGAAATGGCTCAGNAA
 TACTGTTCACTACTCTTGGATGACAGCTAATCTGTCTTTACTNCTGATAATTACTCT
 ACCCCTGTCCTGGGTACGTATCATTGTTCTN

Restriction Sites:

NotI-NotI

ACCN:

NM_018471

Insert Size:

2260 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_018471.1](#), [NP_060941.1](#)

RefSeq Size: 2140 bp

RefSeq ORF: 1194 bp

Locus ID: 55854

UniProt ID: [Q8WU90](#)

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]