

Product datasheet for **SC212493**

ULK3 (NM_001099436) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ULK3 (NM_001099436) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ULK3
ACCN: NM_001099436
Insert Size: 1140 bp
Insert Sequence: >SC212493 3'UTR clone of NM_001099436

The sequence shown below is from the reference sequence of NM_001099436. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTGTTTCGTAGCTCTTGACCCCTCAGTGAACCTAGAAGAATGATTGGACAGATGTGAGCCATCTGGAG
CAGAGGGGCACTAACCCAGGCTGACGCCAAGAATGAAGTGGCCACTGCAGCCCTGGCGAGCAGGCTTC
TTGGATGGACAGTGTGAGACCCCATATCCCAGAGTCCCAGCCTCCCTCAGGTTACTCTGCACCCCA
CAGATGGTTTGTATGGCTGTGCTGTATACTGGAGGGGAGGGCAGGACTCTGGGAGAACAGCACTTCTTTC
ATGAGACCTTTGTTACTCGGTGGTTACTGGGTCCTGTGCCTGTCCGTTTTGGGGCATGCAGCCCTCTAT
CATTTTTGGCTCCGAGAAGAGGGCAAGGGGCCCGCAGGGTACTTCTGTGCTTGCCCTCGCCCTGCCA
GCAGGCAGCTGTGCCCTGGCCTGCCCTCCCGGGACCCCTTATCCAACCTCAGCTCCTCTTTGCACTG
GAATGGGGCACTCCAACACCCCTCAGGGACCACCTCCCCACAGTATGCACTCAGCCCCACAGAACCA
CCAGTCTTTCTGGGAACACACCTGCCCGCCATCTTGGTACTTTAGGTTAATCCCTCAAGCATGAAAG
CTGGATCTTTGGGGTTAAGAAGCCCAAGCCTTGTTCCCTGCCCTAGGGAGCACTCAGGAGGGT
TCCTTGGTCTCATCTCTCCACCTCCGTTCCCTCTGGGCCCCACACTAGCCACAGCGCGGCCTTGTTG
CTGGAGTTTGGACCTGGGACAGGAGAGGGAGGCTTGGAGACAGTCTGACCCAGTGCCCTTAGGCCAC
CCACTTCTAGGCCTGCCCTGCCCGCTGGAGCCCTGGGCAAGCTCTTTCCCTTTCTGGGCTGGGTCT
CCCCATCTCTTCAATGGGGCTGATACCTTACAGCCCACAGCATGGGCCTTATGAGGACAAAGTGAAT
TTAACCTGAAAAGAATGATTTTGGAGAGTTCTTTTAAATAATCAGCGGGTGTGGTGTATTTGAGCCC
TTCTGCCCTTAAATGCTTCTTGGGCAAGAGCTGTCTGTCTCCCTGCAGGAGGCTGAGTGTAAAGAT
ATCATTATTGTTTCTCTATTAATTTCTCTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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.
RefSeq:	NM_001099436.4
Summary:	Serine/threonine protein kinase that acts as a regulator of Sonic hedgehog (SHH) signaling and autophagy. Acts as a negative regulator of SHH signaling in the absence of SHH ligand: interacts with SUFU, thereby inactivating the protein kinase activity and preventing phosphorylation of GLI proteins (GLI1, GLI2 and/or GLI3). Positively regulates SHH signaling in the presence of SHH: dissociates from SUFU, autophosphorylates and mediates phosphorylation of GLI2, activating it and promoting its nuclear translocation. Phosphorylates in vitro GLI2, as well as GLI1 and GLI3, although less efficiently. Also acts as a regulator of autophagy: following cellular senescence, able to induce autophagy.[UniProtKB/Swiss-Prot Function]
Locus ID:	25989
MW:	41.3