

## Product datasheet for **SC300487**

### ALKAL2 (NM\_001002919) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ALKAL2 (NM\_001002919) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ALKAL2  
**Synonyms:** AUGA; FAM150B; PRO1097; RGP542  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_001002919 edited  
 ATGGGGAAGCCCGCTCGGAGCCCTTGGGACCCGCCTGACGTCGGCGGGCGCGGGGATA  
 AGAAGCTCCCCGAGGCTCGAGCGGGACTCGGAGCCGGCGCACCCAGGTCGGCCGTGGG  
 TCCAGCGCTCGGAGCGGGCCGAGTCCCCCGCTCCCGTGCGCTCCGCCCGCGGGCATGGAG  
 TAGTGGCGCAGCTCGGGGCGGGGACAGACGTGCGCACAGACGGCGACGACTCCGGCGG  
 CTCCAGCGAGCCAGCTCTCGGCGGTGTGGAGTCTCCAGCCCGCGGCCCGAGCGC  
 ACGATGCGCGGACCCGGGCACCCCTCCTCTGGGGCTGCTGCTGGTGTGGGCCTTCG  
 CCGGAGCAGCGAGTGAAATTGTTCTCGAGATCTGAGGATGAAGGACAAGTTTCTAAAA  
 CACCTTACAGGCCCTCTTTATTTAGTCCAAAGTGCAGCAAACACTTCCATAGACTTTAT  
 CACAACACCAGAGACTGCACCATTCTGCATACTATAAAAGATGCGCCAGGCTTCTTACC  
 CGGCTGGCTGTGAGTCCAGTGTGCATGGAGGATAAGCAGTGAGCAGACCGTACAGGAGCA  
 GCACACCAGGAGCCATGAGAAGTGCCTTGAAACCAACAGGAAACAGAACTATCTTTAT  
 ACACATCCCTCATGGACAAGAGATTTATTTTGCAGACAGACTCTTCCATAAGTCTTT  
 GAGTTTTGTATGTTGTTGACAGTTTGCAGATATATATTCGATAAAACAGTGTACTTGACA  
 GTGTTATCTGTCACTTATTTAAAAAAAACACAAAAGGAATGCTCCACATTTGACGTGT  
 AGTGCTATAAACACAGAATATTTTATTGTCTTATTAGGTGAAATCGCAAAAAATATTT  
 CTTTAGAAACATAAGCAGAATCTTAAAGTATATTTTATATAACATAATTTGATATTCTG  
 TATTACTTTCAGTGTAAATTCTCAGAGTATTATTTGGAACGGCATGAAAAATTTAAAT  
 TCGGTCATGTTTTAGAGACAGTGGAGTAAATCTGTGGCTAATCTGTTGGTCTGTTGT  
 ATTATAAATGTAATAAGTATTCCAGCTATTGTGCAATATGTAATAAGTAAATAAACA  
 CAAGTAATAAATGAAGTGTGTTATAATGTAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AAAAA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_001002919  
**Insert Size:** 1200 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to contain 3bp compared with the reference NM_001002919.1.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001002919.1</a></u> , <u><a href="#">NP_001002919.1</a></u>
<b>RefSeq Size:</b>	496 bp
<b>RefSeq ORF:</b>	276 bp
<b>Locus ID:</b>	285016
<b>UniProt ID:</b>	<u><a href="#">Q6UX46</a></u>
<b>Cytogenetics:</b>	2p25.3
<b>Gene Summary:</b>	Ligand for receptor tyrosine kinases LTK and ALK. Stimulation of ALK signaling may be involved in regulation of cell proliferation and transformation.[UniProtKB/Swiss-Prot Function]