

Product datasheet for SC317250

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:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001002919 edited

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GGAAGCCCCGCTCGGAGCCCTTGGGGACCCGCTGACGTCGGCGGGCGGGGATAAGAA
GCTCCCCGAGGTCTGAGCGGGACTCGGAGCCGGCGCACCCAGGTCGGCCGTGGGTCCA
GGCTCGGAGCGGCCGAGTCCCCGCGTCCCGTGCCTCCGCCCGCGGGCATGGAGTAGT
GGCGCAGCTCGGGGCGCGGGGACAGACGTGCGCACAGACGGCGACGACTCCGGCGGCTCC
AGCGAGCCAGCTCTCGGCGCGTGTGCGAGTCTCCAGCCCCGCGGCCCGAGCGCACGA
TGCGCGGACCCGGGACCCCCCTCCTCTGGGGCTGCTGCTGGTGTGGGGGCGCGGGGC
GCGGCCGGGGGGCGCGGAGCCCCGGGAGCCGGCGGACGAGAGCGCTGCTGCGGCTGG
TGGTGGAAGTCTCCAGGAGTGCAGGAGCAGCACTCGGCGGAGCACAAGGGCCTGCAGC
TCCTCGGCGGGACTGCGCCCTGGGCCGCGGAGGCGGGGCTGGGGCCTTCGCCGG
AGCAGCGAGTGGAAATTGTTCTCGAGATCTGAGGATGAAGACAAGTTTCTAAACACC
TTACAGGCCCTCTTTATTTTAGTCCAAAGTGCAGCAAACACTTCCATAGACTTTATCACA
ACACCAGAGACTGCACCATTCCTGCATACTATAAAAGATGCGCCAGGCTTCTACCCGGC
TGGCTGTGAGTCCAGTGTGCATGGAGGATAAGCAGTGAGCAGACCGTACAGGAGCAGCAC
ACCAGGAGCCATGAGAAGTGCCTTGAAACCAACAGGGAACAGAACTATCTTTATACAC
ATCCCCTCATGGACAAGAGATTTATTTTGCAGACAGACTCTCCATAAGTCCTTTGAGT
TTTGTATGTTGTTGACAGTTTGCAGATATATTCGATAAATCAGTGTACTTGACAGTGT
TATCTGTCACTTATTTAAAAAACAACAAAAGGAATGCTCCACATTTGACGTGTAGTG
CTATAAAACACAGAATATTTTATTGCTTTCATTAGGTGAAATCGAAAAAATATTTCTTT
AGAAACATAAGCAGAATCTTAAAGTATATTTTCATATAACATAATTTGATATTCTGATT
ACTTTCACTGTTAAATTCAGAGTATTATTTGGAACGGCATGAAAAATTAATTTTCGG
TCATGTTTGTAGAGACAGTGGAGTGTAATCTGTGGCTAATTCTGTTGGTCGTTGTATTA
TAAATGTAAATAGTATTCCAGCTATTGTGCAATATGTAATAGTGTAATTAACACAAG
TAATAATGAAGTGTGTTTATAATGTAAAAA
A
  
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Restriction Sites: Please inquire


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ACCN:	NM_001002919
Insert Size:	1400 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001002919.2.
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:	<u>NM_001002919.2, NP_001002919.2</u>
RefSeq Size:	1403 bp
RefSeq ORF:	459 bp
Locus ID:	285016
UniProt ID:	<u>Q6UX46</u>
Cytogenetics:	2p25.3
Gene Summary:	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]