

## Product datasheet for **SC210124**

### ACK1 (TNK2) (NM\_005781) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ACK1 (TNK2) (NM_005781) Human 3' UTR Clone
Symbol:	ACK1
Synonyms:	ACK; ACK-1; ACK1; p21cdc42Hs
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005781
Insert Size:	847 bp
Insert Sequence:	<p>&gt;SC210124 3'UTR clone of NM_005781</p> <p>The sequence shown below is from the reference sequence of NM_005781. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
TCCTGGGGCCCTGCCACCACAAGCGCTGAGATGCGTCTGGAGAGCCAGAGGGCCTGCCTGAAGGAATC
ACCTGAGCCTGTCCGTCCACCAGGAGTGGGGAGATGCCCCATCCAGTCTGGAGGACCCGCTGCTCCT
GCTGCTCCCGGGATGGAGCAAGGCCAAGGCTGCGGGAGGCTGGGAGCCCTGCCCTGCCCATCCCTCCT
GCACCAGCGCTGTCCCTGCACACTTTGGTTCAGTCCCGGTGCCCTGCCAAGATGTGGAAGGGGCCGGG
TGAAGACAGGCTTGAGGGCTGCCCCAGCAGGCTCTGGGTATGACCTGCCTCTGGCCCTGGTCTGGGCG
GGGCTGTGGGTGGAGTAGTACCCCAAGCCCTGCCCTGGGTGACAGACTGGGAGGAAACAGGCTGGA
CCTGGGACAGGCGGGATGTGTTGGCCACAGGGAGAGGGCGGACCGGCACCCGGTGGGACCTCCTAGGACTG
GGCCTTCTCCAGGGGGCCCTGGCAGCAGCTGGGGTGTGCGGCAGAATGTGACTTGTGGCCTTACCAT
GGACTTGAATGGACTTGGCTGGCCTCAGGATCTTGTGCCTGGAAATAGCCTGAGGTGGCTCAGGAAGC
GGAGAAAGGGTGCCAGACCATTCTTGCGGGGACCGAGGCCCAAGGCCCAAGGGCTGGAAGGAGACCA
AGGGGACAGCCGCCCTGGAGGGACATCAGTGCTTCTCTCCACCCAATCCCCACGCGTTCCATGTT
TTCCCACAGCCTGTTGGCGAAGTTGCTGCTCCGGCATTACGTACCTGCTTCTCCAGAGAAATAAAGT
TAGTTTCTATTTTATGTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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:	<a href="#">NM_005781.5</a>
Summary:	This gene encodes a tyrosine kinase that binds Cdc42Hs in its GTP-bound form and inhibits both the intrinsic and GTPase-activating protein (GAP)-stimulated GTPase activity of Cdc42Hs. This binding is mediated by a unique sequence of 47 amino acids C-terminal to an SH3 domain. The protein may be involved in a regulatory mechanism that sustains the GTP-bound active form of Cdc42Hs and which is directly linked to a tyrosine phosphorylation signal transduction pathway. Several alternatively spliced transcript variants have been identified from this gene, but the full-length nature of only two transcript variants has been determined. [provided by RefSeq, Jul 2008]
Locus ID:	10188
MW:	29.5