

Product datasheet for SC113505

STYK1 (NM_018423) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STYK1 (NM_018423) Human Untagged Clone
Tag:	Tag Free
Symbol:	STYK1
Synonyms:	NOK; SuRTK106
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_018423 edited
 ATGGGCATGACACGGATGCTCCTGGAATGCAGTCTCAGTGACAAGTTGTGTGTCATCCAG
 GAGAAGCAGTATGAAGTGATTATCGTCCCACTTTGTTGGTTACTATCTTCCTCATCCTT
 CTTGGGGTCATCCTGTGGCTTTTTATCAGAGAACAAGAAGTCAACAGCAGCGTTCTGGA
 CCTCAAGGCATTGCCCTGTTCCCTCCACCTAGGGACCTAAGCTGGGAAGCAGGACATGGA
 GGAAATGTGGCTTTGCCACTTAAGGAGACATCCGTGAAAACTTTCTGGGAGCTACCACA
 CCTGCCCTGGCTAAGCTGCAGGTGCCGCGGAGCAACTCTCTGAAGTTCTGGAGCAGATT
 TGCAGCGGTAGCTGTGGGCCATCTTTGAGCCAATATGAACACTGGGGACCCCTTCTAAG
 CCCAAGAGTGTTATTCTCAAGGCTTTAAAAGAACCAGCTGGGCTCCATGAGGTACAAGAT
 TTCTTAGGGCGAATCCAATTCATCAATACCTGGGAAACACAAAAACCTGGTGCAGCTG
 GAAGGCTGCTGCACTGAAAAGCTGCCACTCTATATGGTGTGGAGGATGTGGCCAGGGG
 GACCTGCTCAGCTTTCTCTGGACCTGTCGCGGGATGTGATGACTATGGATGGTCTTCTC
 TATGATCTCACAGAAAAACAAGTATATCACATCGAAAAGCAGGTCTTTTGGCGTGGA
 TTCTGCAAGGAGAAAGCATTGTTCCATGGGGATGTGGCAGCCAGGAATATTCTGATGCAA
 AGTGATCTCACTGCTAAGCTCTGTGGATTAGGCCTGGCTTATGAAGTTTACACCCGAGGG
 GCCATCTCCTCTACTCAAACCATACCTCTCAAGTGGCTTGCCCCAGAACGGCTTCTCCTG
 AGACCTGCTAGCATCAGAGCAGATGTCTGGTCTTTGGGATCCTGCTCTATGAGATGGTG
 ACTCTAGGAGCACCACCGTATCCTGAAGTCCCTCCTACCAGCATCCTAGAGCATCTCCAA
 AGAAGGAAAAATCATGAAGAGACCCAGTAGCTGCACACATACCATGTACAGTATCATGAAG
 TCCTGTGGCGCTGGCGTGAGGCTGACCGCCCTCACCTAGAGAGCTGCGCTTGCCGCTA
 GAAGCTGCCATTAATAACTGCAGATGACGAGGCTGTGTTACAAGTACCAGAGTTGGTGGTA
 CCTGAACTGTATGCAGCTGTGGCCGCATCAGAGTGGAGAGCCTTTCTACAACATATAGC
 ATGCTTTGA



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018423 unedited AATTTCGCACGAGGAAGCATTCTCTTGAGCTGGCACACCTTGCCCTACCCAACCCCTGTCA TTATTTCCCTCCGACTGGGCGGTGCCATCGGAAACCGGAGTGACCAGAGGAGGGACAC GCATCCAATTTACTGGGCTGCAAGATATCAATAAGCCTTGCCTTTAAACTTTTATGT ACAAATAAAAGTGATGGTGAACCTGGCTCAGGAAATGCAGTAGCAGGCCATATTGCAT CCAAAGGAATTAACACAGCTGTGCTGTGTGCATTCTCTGTGGCCTAGCAGGGAAGGGG ACAGCCCTGTGGCAATGGGATGACACGGATGCTCCTGGAATGCAGTCTCAGTGACAAGT TGTGTGCATCCAGGAGAAGCAGTATGAAGTGATTATCGTCCCACTTTGTTGGTTACTA TCTTCCTCATCCTTCTTGGGTCATCCTGTGGCTTTTTATCAGAGAACAAGAACTCAAC AGCAGCGTTCTGGACCTCAAGGCATTGCCCTGTTCTCCACCTAGGGACCTAAGCTGGG AAGCAGGACATGGAGGAAATGTGGCTTTGCCACTTAAGGAGACATCCGTGGAAAACCTTC TGGGAGCTACCACACCTGCCCTGGCTAAGCTGCAGGTGCCGCGGAGCAACTCTCTGAAG TTCTGGAGCAGATTTGCAGCGGTAGCTGTGGGCCATCTTTCGAGCCAATATGAACACTG GNGACCTTCTAAGCCAAGAGTGTATTCTAAAGGCTTTAAAAGACCAGCTGGGCTCATG AAGTACAAGATTTCTTAGCGAATCCAATCCATCATACCTGGGGAACACAAAACCTGGT CAGCTGGGAGG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018423 unedited ACTATGGACCCGCGCCGCATNCTAGGATCGAGTTTTTTTTTTTTTTTTTCTTTAATA AAATTAATTTAATAAAAATAAGTTTCACAGTATATCAACAGATGATTGAAAATTAGAAGCT GCTATCCTTCCATATCAGATTACATTCTTTCTAGCCCTTGTTAAAGACTGAGCTACTAA GCCTTCTTGCTTGGTTTCTACATTTCTATTTATTGTGCACACACACACACACACACA CACACAGAATTTCTTACTGTCTAACATTGACTCTCTAGGCTTAGTCTCCTTAGTCTA ATCGGAACTAGGAAGCTAGCTTAATGAACAATACATGTTGAATGTTCTTAATCATGAAAT GACTCCTCCACCTTCTAATTAACGTAGTAACAAACAGAAATTTACCTGTCTCAGAATCAG ATAAAAAGGGGACCATCTTTCTTTATCTATACCTAAGGTGAAACTCAGAGGTTTTTCCGT TATAGTTCTCCTCCAGCCCCACATGTAGGGCTCAGGACTGAAGAACTTTGTGTCTACCA CCTTTTCTTGAAGGAGGTGTTGGTCCATATCTGTAATCCTGAGCAAGAAGAACCTTAAAT TTTCTTTCCCTCAACTCTTTATTGGATTCTATTCTTCATTTCAATCCAAATTTTCA TCTAGATAAAAAATGTGGTCCAGAGGAACTAGCCTCGGACGGGAGGGATGAGCTATTT GTGCCATGCCCAACAATACTGCAGAGTTCTAAAACCTNCTTTGCACAGGTCCCACACT TCTACCCAGNATTTCTAGGACTGGGACAGCAAAAGTGAGACTGACAGTATGTCTTAACTC CAGATGTGTAAGTCCCATCCAGCATATTTAGATTCCCNAGAAATGTGTAAGGGAA GATCAGAAATCCATGTNNCATTCTNCCCTTNGGTCCTGGGAAAGACATTCTTCTGTCT TANAGGAATTGATCCAGACA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_018423
Insert Size:	2680 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:	<ol style="list-style-type: none">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_018423.1 , NP_060893.1
RefSeq Size:	2844 bp
RefSeq ORF:	1269 bp
Locus ID:	55359
UniProt ID:	Q6J9G0
Cytogenetics:	12p13.2
Domains:	pkinase, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane
Gene Summary:	Receptor protein tyrosine kinases, like STYK1, play important roles in diverse cellular and developmental processes, such as cell proliferation, differentiation, and survival (Liu et al., 2004 [PubMed 15150103]).[supplied by OMIM, Mar 2008]