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Product datasheet for SC211849

RYK (NM_001005861) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RYK (NM_001005861) Human 3' UTR Clone
Symbol:	RYK
Synonyms:	D3S3195; JTK5; JTK5A; RYK1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001005861
Insert Size:	1050 bp
Insert Sequence:	>SC211849 3'UTR clone of NM_001005861 The sequence shown below is from the reference sequence of NM_001005861. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTTCATGCAGCCCTGGGGGCCTACGTCTGACTCCTCTCCAATCCCACACCATCAGGAAGAAGGTGCCTG TCGGGGCTCACTTGAAGCCTGTCAGGGATGCTTTGTATCTAACACAACGCCAACAGAAGCACATTTGTC TTCCAGAACACCGTGCCTTAGAAATGCTTTAGAATCTGAACTTTTTAAGACAGACTTAATAATGTGGCA TATTTTCTAGATATCACTTTTATTAGGTTGAACTGAAAGGGTTTTTGTAAATTTTTTGGCCAAAATTTT TTAAAACATACTTACTTTGGACTAGGGGTACATTCTTACAAAATAAATAAACAGTTTTTAAAATTGTTT AGACACAGATATTTGGAATTAGCTATCTTAGTGCCAACTGCTTTTTATTTTTTTACTTCATCAAGGTGA TGTAAGTGACTCACCTTTAAAGTTTTTTTAGTGTTATTTTTTATCACTACTCTGGGAAATGGTTTGTCT TCAAGATGCAATACTTTTCTTAGTAAAGGAAAAACAGCATAAAAAGATACCTGGTCTGCCTTGTACAAG AAAAGGCAATATTAGAGGAAGAAAATTTAAAGAAAAGCTAGAGGAAAAAAAAATTTTTTTAAAAATACT TATTAGAAGCAAACTGCCCTTGCATGGAAAACTGTTTATTTTTTTCAGTGAAAAGGAATTCTGCTTTCG TGTTTTTGGGAAAGCAGGAACTGAGTTCATTACATCTTTAATTTGGCAGAAATTAGCCTTTCTGTGAAC CAGATGTGGTTTGGGGCAGATCTGTAGTAAACAATGGTGATTTTATTTATTTTTACTCTCTGGAAAAGG AGATAATACAATTCCAGAAAGTGAACTCATATTTCTAAGGTTAAGATTCCCTTTTATTGCACCTAGAAT AGTGCTATGCACAGAGCGGGTGCTTGAGTTGTTGTCGTTTTTTGTTTGTTTTTTAAATGTAAACTGGTA AATTTTGTGCTTATCTTCAAGGCTGGCTTAAGTATAAAATTGTTTTTTAAACACTTGAAAAATTAAAGG ATTTGTTTTATATTA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_001005861.3

Summary: The protein encoded by this gene is an atypical member of the family of growth factor receptor protein tyrosine kinases, differing from other members at a number of conserved residues in the activation and nucleotide binding domains. This gene product belongs to a subfamily whose members do not appear to be regulated by phosphorylation in the activation segment. It has been suggested that mediation of biological activity by recruitment of a signaling-competent auxiliary protein may occur through an as yet uncharacterized mechanism. The encoded protein has a leucine-rich extracellular domain with a WIF-type Wnt binding region, a single transmembrane domain, and an intracellular tyrosine kinase domain. This protein is involved in stimulating Wnt signaling pathways such as the regulation of axon pathfinding. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Feb 2012]

Locus ID: 6259

MW: 41