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Product datasheet for SC208974

DOK5 (NM_018431) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: DOK5 (NM_018431) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: DOK5

Synonyms: C20orf180; IRS-6; IRS6

ACCN: NM_018431

Insert Size: 720 bp

Insert Sequence:

>SC208974 3'UTR clone of NM_018431
The sequence shown below is from the reference sequence of NM_018431. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACTTTTCCAGCCTACAGATCTGAGCACTGACAGTAACTGCCAAGAATTGTTAACACACTTGTGATGTGT
CAGCCACAGATTCACCCAGGAGGTCACAGAATGACAGCAAGGGAAATGACGACCAAGAGAAGAAGCTTA
AAGTCCTGGCTAATTGTGTGGTCATTGGAAAACTCTGCAATACAATAATTTTCTTTATTTTCTTTTTCT
TTTTTAAATTCTTAGTGTAATTGAAACGTGCTCTATAGATATTGACTCTGTGTTCCCTCTTTTACAGCT
GGACAGAAAGAAGTCAATGTCACGAAATGATTTTCTATTGTAGATACTTTGTCCCTTGCACTTCTCTGA
ATCTGTCCTTTTGTGGATTCTTGTGATTTTCCTTCCAAGTGTTTCAGTTGTATGACAGTCAGTATTGAC
AATAAAATGGCTTTTAATTATTTGTTATTTGTTTACACCCTATTCCTCAGTTATTATTACTGTGGTTCT
GATTAACTACTGGAAATTATATTTGATTATATCACCAATTAGTTAAATCAGTGCTTCGACTCACTCTTA
TCTGTTCTGTTCAAAACTATTTGTTCAAAGAACCCGTTAGTGTTGTTTACAGGGTTACAGTTTCTCTCA
CATGCTTTCCTCACCCCTTTACCCCCCTTTTTGAAAGCCTTTATTTTGTTCGGAGTCTCTTCATAAAAC
ATTTGAAAATAAAAGATCATTCTTCACCCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

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).

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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_018431.5
Summary:	The protein encoded by this gene is a member of the DOK family of membrane proteins, which are adapter proteins involved in signal transduction. The encoded protein interacts with phosphorylated receptor tyrosine kinases to mediate neurite outgrowth and activation of the MAP kinase pathway. Unlike other DOK family proteins, this protein does not interact with RASGAP. This protein is up-regulated in patients with systemic sclerosis and is associated with fibrosis induced by insulin-like growth factor binding protein 5. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jun 2014]
Locus ID:	55816
MW:	27.5

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