

Product datasheet for **SC322753**

RIPK5 (DSTYK) (NM_199462) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RIPK5 (DSTYK) (NM_199462) Human Untagged Clone
Tag:	Tag Free
Symbol:	RIPK5
Synonyms:	CAKUT1; DustyPK; HDCMD38P; RIP5; RIPK5; SPG23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322753
 GCCGCAAAGACAGAGCGGGCAGAGGCGATGGAGGGCGACGGGGTCCCATGGGGCAGCGAG
 CCCGTCTCGGGTCCCGGCCCGGGCGGCGGAATGATCCGCGAGCTGTGCCGGGCTTC
 GGCCGCTACCGCGCTACCTGGGACGGCTGCGACAGAACCTGCGCGAGACCCAGAAGTTC
 TTCCGCGACATCAAGTGCTCCCAACAACCACACTTGTCTCTCCTCCCTCACGGGCGGCGGC
 GGGGCCGAGCGCGCCCTGCAGGCGATGTGCGCGAAACCGGGCTGCAGGCGGGCCAACTG
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 CTTAATCAGGCAGTGGCTAATAAGCTGATCAGCTCAGTGGATTACCTGAGGGAAAGCTTC
 GTCGGAACCTGGAACGATGTCTGCAGAGCCTGGAGAAGTCTCAGGATGTCTCAGTTCAC



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GTTTCTGGGGAGGGTTTCACTGTTACATCACCAAGAGGCCCTGAAAAGAGGAAAAAAA
AAAAAA

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- Restriction Sites:** Please inquire
- ACCN:** NM_199462
- 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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: [NM_199462.1](#), [NP_955749.1](#)

RefSeq Size: 7754 bp

RefSeq ORF: 2655 bp

Locus ID: 25778

UniProt ID: [Q6XUX3](#)

Cytogenetics: 1q32.1

Protein Families: Druggable Genome, Protein Kinase

Gene Summary: This gene encodes a dual serine/threonine and tyrosine protein kinase which is expressed in multiple tissues. It is thought to function as a regulator of cell death. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]

Transcript Variant: This variant (2) lacks an in-frame exon in the 3' coding region, as compared to variant 1. The encoded isoform 2 is missing an internal segment, as compared to isoform 1.