

Product datasheet for **SC325992**

KREMEN1 (NM_032045) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: KREMEN1 (NM_032045) Human Untagged Clone
Tag: Tag Free
Symbol: KREMEN1
Synonyms: ECTD13; KREMEN; KRM1
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032045 edited
 ATGGCGCCGCCCAGCCCGCCCTCGCCCTGCTCTCCGCCGGCGCTCACGCTGGCGGCC
 CGGCCCGCGCCTAGCCCCGGCCTCGGCCCGGACCCGAGTGTTCACAGCCAATGGTGCG
 GATTATAGGGGAACACAGAAGTGGACAGCACTACAAGGCGGGAAGCCATGTCTGTTTTGG
 AACGAGACTTTCCAGCATCCATACAACACTCTGAAATACCCCAACGGGGAGGGGGCCTG
 GGTGAGCACAATATTGCAGAAATCCAGATGGAGACGTGAGCCCTGGTGTATGTGGCA
 GAGCAGGAGGATGGTGTCTACTGGAAGTACTGTGAGATACCTGCTTGCCAGATGCCTGGA
 AACCTTGCTGTACAAGGATCATGAAACCCACCTCCTCTAACTGGCACCAGTAAAACG
 TCCAACAACTCACCATACAAATTTGCATCAGTTTTTGTGGAGTCAGAGTTCAAGTTT
 GCTGGGATGGAGTCAGGCTATGCTTCTGTGAAACAATCCTGATTACTGGAAGTAC
 GGGGAGGCAGCCAGTACCGAATGCAACAGCGTCTGCTTCGGGGATCACACCAACCCTGT
 GGTGGCGATGGCAGGATCATCCTTTGATACTCTCGTGGCGCCTGCGGTGGAACTAC
 TCAGCCATGTCTTCTGTGGTCTATTCCCCTGACTTCCCCGACACCTATGCCACGGGGAGG
 GTCTGCTACTGGACCATCCGGGTTCCGGGGCCTCCCACATCCACTTCAGCTTCCCCTA
 TTTGACATCAGGGACTCGGCGGACATGGTGGAGCTTCTGGATGGCTACACCCACCGTGC
 CTAGCCCGCTTCCACGGGAGGAGCCGCCACCTGTCTTCAACGTCTCTGACTTC
 GTCATCTGTATTTCTTCTGTATCGCATCAATCAGGCCAGGGATTTGCTGTTTTATAC
 CAAGCCGTCAAGGAAGAAGTCCACAGGAGAGGCCCGCTGTCAACCAGACGGTGGCCGAG
 GTGATCACGGAGCAGGCCAACCTCAGTGTGAGCGCTGCCCGTCTCAAAGTCTCTAT
 GTCATCACCAACAGCCCCAGCCACCCACCTCAGACTGTCCAGGTAGCAATTCCTGGGCG
 CCACCCATGGGGCTGGAAGCCACAGAGTTGAAGGATGGACAGTCTATGGTCTGGCAACT
 CTCCTCATCCTCACAGTCACAGCCATTGTAGCAAAGATACTTCTGCACGTACATTCAA
 TCCCATCGTGTCTGCTTACAGGGACCTTAGGGATTGTCATCAACCAGGGACTTCGGGG
 GAAATCTGGAGCATTTTTACAAGCCTTCCACTTCAATTTCCATCTTTAAGAAGAACTC
 AAGGGTCAGAGTCAACAAGATGACCGCAATCCCCTTGCAATTCAGGACTCGGAAGTGACA
 TCACTCATCTGGTCTCAGGGCAGCCAGAAAGTATCTGA



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Restriction Sites:	Please inquire
ACCN:	NM_032045
Insert Size:	1500 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).
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:	<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_032045.3 , NP_114434.3
RefSeq Size:	2719 bp
RefSeq ORF:	1479 bp
Locus ID:	83999
UniProt ID:	Q96MU8
Cytogenetics:	22q12.1
Domains:	KR, CUB, WSC
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>This gene encodes a high-affinity dickkopf homolog 1 (DKK1) transmembrane receptor that functionally cooperates with DKK1 to block wingless (WNT)/beta-catenin signaling. The encoded protein is a component of a membrane complex that modulates canonical WNT signaling through lipoprotein receptor-related protein 6 (LRP6). It contains extracellular kringle, WSC, and CUB domains. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) represents the shorter transcript but encodes the longer isoform (2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>