

Product datasheet for **SC306599**

KREMEN1 (NM_153379) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KREMEN1 (NM_153379) Human Untagged Clone
Tag:	Tag Free
Symbol:	KREMEN1
Synonyms:	FLJ31863; KREMEM1; KREMEN; kringle-coding gene marking the eye and the nose; kringle-containing transmembrane protein 1; kringle containing transmembrane protein 1; KRM1; KRM1, KREMEN, KREMEM1, FLJ31863; OTTHUMP00000028977
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>OriGene ORF sequence for NM_153379 edited ATGGCGCCGCCAGCCGCCCGCTCGCCCTGCTCTCCGCCGCGGCTCACGCTGGCGGCC CGGCCCGCGCCTAGCCCCGGCCTCGGCCCGAGTGTTCACAGCCAATGGTGCGGATTAT AGGGGAACACAGAAGTGGACAGCACTACAAGGCGGGAAGCCATGTCTGTTTTGGAACGAG ACTTTCCAGCATCCATAACAACACTCTGAAATACCCCAACGGGGAGGGGGCCTGGGTGAG CACAACATTGCAGAAATCCAGATGGAGACGTGAGCCCCGTGGTGTATGTGGCAGAGCAC GAGGATGGTGTCTACTGGAAGTACTGTGAGATACCTGCTTGCCAGATGCCTGGAACCTT GGCTGCTACAAGGATCATGGAAACCCACCTCCTCTAACTGGCACCAGTAAACGTCCAAC AAACCTACCATACAACTTGCATCAGTTTTTGTGCGGAGTCAGAGTTCAAGTTTGTCTGGG ATGGAGTCAGGCTATGCTTGCTTCTGTGAAACAATCCTGATTACTGGAAGTACGGGGAG GCAGCCAGTACCGAATGCAACAGCGTCTGCTTCGGGGATCACACCAACCCTGTGGTGGC GATGGCAGGATCATCCTCTTTGATACTCTCGTGGGCGCCTGCGGTGGAACTACTCAGCC ATGTCTTCTGTGGTCTATTCCCCTGACTCCCCGACACCTATGCCAC : GGGGAGGGTCTG CTACTGGACCATCCGGTTCCGGGGCCTCCCACATCCACTTCAGCTTCCCCTATTTGA CATCAGGGACTCGCGGACATGGTGGAGCTTCTGGATGGCTACACCCACCGTGCCTAGC CCGCTTCCACGGAGGAGCCGCCACCTGTCTCTCAACGTCTCTGACTTCTGTCAT CTTGTATTTCTTCTGATCGCATCAATCAGGCCAGGGATTTGCTGTTTATACCAAGC CGTCAAGGAAGAACTGCCACAGGAGAGGCCCGCTGTCAACCAGACGGTGGCCGAGGTGAT CACGGAGCAGGCCAACCTCAGTGTGAGCGCTGCCCGGTCTCCAAAGTCTCTATGTCAT CACCACCAGCCCCAGCCACCCACCTCAGACTGTCCAGGTAGCAATTCCTGGGCGCCACC CATGGGGGCTGGAAGCCACAGAGTTGAAGGATGGACAGTCTATGGTCTGGCAACTCTCT CATCCTCACAGTCACAGCCATTGTAGCAAAGATACTTCTGCACGTACATTCAAATCCCA TCGTGTTCCTGCTTCAGGGGACCTTAGGGATTGTCATCAACCAGGGACTTCGGGGGAAAT CTGGAGCATTTTTTACAAGCCTTCCACTTCAATTTCCATCTTTAAGAAGAACTCAAGGG TCAGAGTCAACAAGATGACCGCAATCCCCTTGTGAGTGACTAA
Restriction Sites:	Please inquire
ACCN:	NM_153379
Insert Size:	3000 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_153379.1.
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:	<u>NM_153379.1</u> , <u>NP_700358.1</u>

RefSeq Size:	1821 bp
RefSeq ORF:	1422 bp
Locus ID:	83999
Cytogenetics:	22q12.1
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 (1) encodes the shorter isoform (1).</p>