

Product datasheet for **SC123558**

SPINK2 (BC022514) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPINK2 (BC022514) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPINK2
Synonyms:	HUSI-II; serine peptidase inhibitor, Kazal type 2 (acrosin-trypsin inhibitor); serine protease inhibitor, Kazal type, 2 (acrosin-trypsin inhibitor); serine protease inhibitor, Kazal type 2 (acrosin-trypsin inhibitor)
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene sequence for BC022514 edited GCACGAGCGCTCCCTGCGAGTGGCGCAGGTAACAGACCGCAGGGGCAAGACAGCCGGCGC GGGAGGAGGATGGCGCTGTCGGTCTGCGCTTGGCGCTGCTGCTCCTGGCAGTTACCTTC GCAGCCTCTGTATCCCTCAATTTGGTCTGTTTTCAAAATATAGAACGCCAACTGCTCT CAGTATAGATTACCAGGATGTCCCAGACACTTTAACCTGTGTGGCAGTGACATGTCC ACTTATGCCAATGAATGTACTCTGTGCATGAAAATCAGGGAAGGTGGTCATAATATAAA ATCATTGCAAATGGACCCTGCTGATGGAGCAGTTTACAGAAAAGAAGATGGAGAGACCAC CTTCACTGGCAGACTAGATAAATTGCATTTCCCTTTTTCTTTTTCTGTGTTCTTTA CATGAGATTTGTTAACACACATTTCTGAGAGCAGGTATGGAAGACAGCCATGTGTAGT ATGGATAATTTAAAGAAAAAAGAATCCTTGTCTTGGCTTTTGTCTCTGGAGTTAAGC TTACTGCCAGGTGACTTGTGCATTGCTTTATTTAGTTGAAATAAAATCAGCATTGAATT CAAAAAAAAAAAAAACAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC022514 unedited CGTCGGATTGTAAACACTTATATAGGCGGCCGCATAAAGCTTCGTATAGCATACATTATACG AAGTTATGGATCAAGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGGCAGGAGCGCT CCCTGCGAGTGGCGCATGTAACAGACCGCATGGCAATACAGCCGGCGGGGAGGAGGAT GGCGCTGTCGGTGCTGCGCTTGGCGCTGCTGCTCCTGGCAGTTACCTTCGCAGCCGCGCT GATCCCTCAATTTGGTCTGGTTTCAAAAATAGAAGCCAAACTGCTCTCAGTATAGATT ACCAGGATGGCCAGACACTTTAACCTGTGTGGCAGTGACATGTCCACTTATGCCAA TGAATGTACTCTGTGCATGAAAATCAGGGAAGGTGGTCATAATTTAAAATCATTGAAA TGGACCCTGCTGATGGAGCAGTTTACAGAAAAGAAGATGGAGAGACCACCTTCACTGGCA GACTAGATAAAATTGCATTTCCCTTTTTCTTTTTCTGTGTTTCTTTACATGAGATTTG TTAACACACATTTTCTGAGAGCAGGTATGGAAGACAGCCATGTGTAGTGATGGATAATTT AAAGGAAAAAGAATCCTTGGTTCTTGGCTTTTGTCTGGAGTTAAGCTTACTGCGCAN GTGACTTGTGCATTGCTTTATTTAGTTGAAATAAAATCAGCATTGGAGTGCNNAANANAA AAAACGAANNAAAAAAAAAAACTCTCCAGCGCCTGGATCCGGGCCATAAGGGGCCCTG ATCCTTCCAGGAGGGGGCCGGGTACCGATATCAAGGCCTGGCGGACTCTAAAATTGCGG GCCGGGTGCATAAGCTGTTTCCCTGAACAAATTCGGGGTGGCGATCCCTGTGACCCCC TCCCATGGCCTTTTCTGGGCCCTGGGAGTTGGCACTCCAGTGC
Restriction Sites:	Please inquire
ACCN:	BC022514
Insert Size:	631 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).
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>BC022514.1, AAH22514.1</u>
RefSeq Size:	631 bp
Locus ID:	6691
Cytogenetics:	4q12
Protein Families:	Secreted Protein, Transmembrane

Gene Summary:

This gene encodes a member of the family of serine protease inhibitors of the Kazal type (SPINK). The encoded protein acts as a trypsin and acrosin inhibitor in the genital tract and is localized in the spermatozoa. The protein has been associated with the progression of lymphomas. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]