

Product datasheet for **SC323188**

SH3D19 (NM_001128924) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SH3D19 (NM_001128924) Human Untagged Clone
Tag:	Tag Free
Symbol:	SH3D19
Synonyms:	EBP; Eve-1; EVE1; Kryn; SH3P19
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001128924, the custom clone sequence may differ by one or more nucleotides

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ATGAACATTATGAACACAGAACAAAGCCAAAATAGTATTGTTTCCAGAATTAAAGTGTTT
GAGGGTCAGACAAACATAGAAACCTCAGGACTGCCCAAGAAACCAGAAATTACTCCACGT
TCACTTCTCCAAAGCCTACTGTTTCTCAGGGAAACCTTCTGTAGCTCCCAACCAGCT
GCTAACAGAGCTTCTGGAGAGTGGGACTCTGGGACTGAGAACAGACTCAAGGTGACCTCC
AAGGAAGGACTCACCCATACCTTCCCCTGCAAGAAGCGGGAAGCATCCCAGTAACCAAA
CCTGAATTGCCAAAGAAACCAACCTGGCCTTATACGAAGTGTTAATCCTGAGATTCCG
GGAAGAGGGCCCTGGCTGAGAGCTCTGATAGTGGAAGAAAGTGCCAACCTCTGCCCG
CGGCCTTTGCTGCTGAAGAAATCTGTTTCTCAGAAAACCCACCTACCTTTCAGCTCCA
CTGAAACCTGTCACTGTTCTCCCGACTCGCAGGGGCATCACAAGCCAAAGCATACAAG
TCACTGGGAGAAGGGCCCCCAGCCAACCCCAAGTTCAGTTCTGCAGAGCAAGCCCTTG
GTGGACATCGATCTCATCAGCTTTGATGATGATGTTTTGCCACCCCATCGGGAACTG
GCTGAAGAATCTGTTGGTTCAGAGATGGTTCTAGGTTTACATGAGGATCCACAAAGTCCA
CCTCCTCTCCCTGCTGAAAAACCTATTGAAACACTTTTCACTACAGTATCTGAAAGCTC
AGTAATGTTGAGAGAAGTAGAACTTGGAATCCAACCACCCAGGTCAAACAGGAGTTTT
GTGCGAGTACCCCAAGGTTGCCACCGAGACCTGTGAATGGAAAAACATTCCAACCTCAA
CAGCCTCCAACCAAGGTGCCCCCTGAGAGACCACTCCCCCAAGCTTTCTGCAACCAGA
AGATCTAATAAGAAACTGCCTTTAATCGATCCTCTTCTGACATGGATCTTCAGAAAAAA
CAAAGTAACTGGCAACTGGACTCTCAAAGCCAAAGAGTCAAGTTTTTAAAAATCAAGAT
CCGGTGCTACCCCTCGTCCCAACCAGGACACCTCTCTACAGTAAATACATGCGTGGG
GATGTACTTGTGATGCTGAAGCAGACGGAATAATTACTTGGAGTGCCAAAAGGGAGAA
GACACTGGCAGAGTTACCTGTCTCAAATGAAGATTATCACTCCACTTGATGAACATCTT
AGAAGCAGACCAACGATCCAAGCCACGCTCAGAAGCCTGTTGACAGTGGTGCTCCTCAT
GCTGTCTGTTCTTCATGATTTCCAGCAGAGCAAGTTGATGATTTGAACCTCACTTCTGGA
GAAATTGTTTATCTTCTGGAGAAGATAGATACAGATTGGTACAGAGGGAAGTGTAGAAAC
CAGATTGGCATATTTCTGCCAATATGTCAAAGTGATTATTGATATCCAGAAGGAGGA
AATGGGAAAAGAGAATGTGTTTCATCTCATTGTGTTAAAGGCTCAAGATGTGTTGCTCGG
TTTGAATATATTGGAGAGCAGAAGGATGAGTTGAGTTTCTCAGAGGGAGAAATTATTATT
CTTAAAGAGTATGTGAATGAGGAATGGGCCAGAGGAGAAGTTCGAGGCAGAACTGGGATT
TTCCCCCTGAACCTTGTGGAGCCTGTTGAGGATTATCCACCTCTGGTGCAAATGTTTTA
AGCACAAGAGTACCACTGAAAACCAAAAAAGAAGATTCTGGCTCAAACCTCTCAGGTAAAC
AGTCTTCCGGCAGAATGGTGTGAAGCTCTTACAGTTTTACAGCAGAGACCAAGTATGAC
TTATCATTCAAGAGGGGAGACCGGATCCAGATTCTGGAACGTCTGGATTCTGACTGGTGC
AGGGGCAGACTGCAGGACAGGGAGGGGATCTTCCAGCAGTGTGTTGTGAGGCCCTGCCCA
GCTGAGGCAAAAAGTATGTTGGCCATAGTACCGAAGGGGAGGAAGGCCAAAGCCTTATAT
GATTTCCGAGGGGAGAATGAAGATGAACCTTCTTCAAGGCTGGAGATATAATAACAGAG
CTGGAATCTGTAGATGATGACTGGATGAGTGGAGAAGTATGGGAAAATCTGGAATATTT
CCCCAAAACATACAGTTTCTACAGATCAGC

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Restriction Sites: Please inquire

ACCN: NM_001128924

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:	<u>NM_001128924.1, NP_001122396.1</u>
RefSeq Size:	4213 bp
RefSeq ORF:	2196 bp
Locus ID:	152503
UniProt ID:	<u>Q5HYK7</u>
Cytogenetics:	4q31.3
Gene Summary:	This gene encodes a multiple SH3 domain-containing protein, which interacts with other proteins, such as EBP and members of ADAM family, via the SH3 domains. This protein may be involved in suppression of Ras-induced cellular transformation and Ras-mediated activation of ELK1 by EBP, and regulation of ADAM proteins in the signaling of EGFR-ligand shedding. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011] Transcript Variant: This variant (3) lacks an in-frame coding exon in the 5' region compared to variant 1. This results in a shorter isoform (3) missing an internal protein segment compared to isoform 1.