

Product datasheet for **SC328010**

SH3D19 (NM_001009555) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SH3D19
Synonyms:	EBP; Eve-1; EVE1; Kryn; SH3P19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>SC328010 representing NM_001009555.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAACATTATGAACACAGAACAAAGCCAAAATAGTATTGTTTCCAGAAATTAAGTGTGAGGGTCCAG
ACAAACATAGAAACCTCAGGACTGCCCAAGAAACCAGAAATTAAGTGTGAGGGTCCAGTCTCCAAAGCCT
ACTGTTTCTCAGGGAACCTTCTGTAGCTCCCAACCAGCTGCTAACAGAGCTTCTGGAGAGTGGGAC
TCTGGGACTGAGAACAGACTCAAGGTGACCTCAAGGAAGGACTCACCCCATACCTCCCTGCAAGAA
GCGGGAAGCATCCAGTAACCAACCTGAATTGCCAAGAAACCAACCTGGCCTTATACGAAGTGT
AATCCTGAGATTCGGAAGAGGGCCCTGGCTGAGAGCTCTGATAGTGGGAAGAAAGTGCCAATCCT
GCCCCGCGGCTTTGCTGCTGAAGAAATCTGTTTCTCAGAAAACCCACCTACCTTTCAGTCCACTG
AAACCTGTCACTGTTCTCCCGACTCGCAGGGGCATCACAAGCCAAAGCATACAAGTCACTGGGAGAA
GGGCCCCAGCCAACCCCAAGTTCAGTCTGCAGAGCAAGCCCTTGGTGGACATCGATCTCATCAGC
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CCAGCAGAGCAAGTTGATGATTGAACTCACTTCTGGAGAAATGTTTATCTTCTGGAGAAAGATAGAT
ACAGATTGGTACAGAGGGAAGTGTAGAAACAGATTGGCATATTTCTGCCAATATGTCAAAGTGATT
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TGTGTTGCTCGGTTGAATATATTGGAGAGCAGAAGGATGAGTTGAGTTTCTCAGAGGAGAAATATT
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CTGAAACCAAAAAAGAAGATTCTGGCTCAAACTCTCAGGTTAACAGTCTTCCGGCAGAAATGGTGTGA
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TTTGTGAGGCCCTGCCAGCTGAGGCAAAAAGTATGTTGGCCATAGTACCGAAGGGGAGGAAGGCCAAA
GCCTTATATGATTTCCGAGGGGAGAATGAAGATGAAGTTCCTTCAAGGCTGGAGATATAATAACAGAG
CTGGAATCTGTAGATGATGACTGGATGAGTGGAGAAGTATGGGAAATCTGGAATATTTCCCAAAAAC
TACATACAGTTTCTACAGATCAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:

SgfI-MluI

ACCN:

NM_001009555

Insert Size:

2373 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001009555.3</u>
RefSeq Size:	5291 bp
RefSeq ORF:	2373 bp
Locus ID:	152503
UniProt ID:	<u>Q5HYK7</u>
Cytogenetics:	4q31.3
MW:	86.5 kDa
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 (1) encodes the longest isoform (1, also known as Eve-1a).