

Product datasheet for **RC226119**

SH3D19 (NM_001128924) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SH3D19 (NM_001128924) Human Tagged ORF Clone
Tag:	Myc-DDK
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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**ORF Nucleotide
Sequence:**

>RC226119 representing NM_001128924
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACATTATGAACACAGAACAAGCCAAATAGTATTGTTTCCAGAATTAAAGTGTGGAGGTGAGGTCAGACAAACATAGAAACCTCAGGACTGCCAAGAAACCAGAAATTAAGTCCACGTTCACTTCCTCCAAAGCCTACTGTTTCTCAGGGAAACCTTCTGTAGCTCCCAACCAGCTGCTAACAGAGCTTCTGGAGAGTGGGACTCTGGGACTGAGAACAGACTCAAGGTGACCTCCAAGGAAGGACTCACCCCATACCTCCCTGCAAGAAGCGGGAAGCATCCAGTAACCAACCTGAATTGCCAAGAAACCAACCTGGCCTTATACGAAGTGTTAATCCTGAGATTCCGGGAAGAGGGCCCTGGCTGAGAGCTCTGATAGTGGGAAGAAAGTGCCAACTCCTGCCCGCGGCTTTGCTGCTGAAGAAATCTGTTTCTCAGAAAACCCACCTACCTTCAGCTCCACTGAAACCTGTCACTGTTCTCCCGACTCGCAGGGGCATCACAAGCCAAAGCATACAAGTCACTGGGAGAAGGGCCCCAGCCAACCCCCAGTTCAGTTCTGCAGAGCAAGCCCTTGGTGGACATCGATCTCATCAGCTTTGATGATGATGTTTTTGCCCAACCCATCGGGGAACCTGGCTGAAGAATCTGTTGGTTAGAGATGGTTCTAGGTTTACATGAGGATCCACAAGTCCACCTCCTCTCCCTGCTGAAAAACCTATTGGAACACTTTTCACTACAGTATCTGGAAAGCTCAGTAATGTTGAGAGAACTAGAACTTGGAAATCCAACACCCAGGTCAAACAGGAGTTTTGTGCGAGTACCCCAAGTTGCCACCGAGACCTGTGAATGGAAAAACATTCCAACCAACAGCCTCCAAACAAGTGCCCCCTGAGAGACCACTCCCCAAAGCTTTCTGCAACCAGAAAGATCTAATAAGAACTGCCTTTTAATCGATCCTCTTCTGACATGGATCTTCAGAAAAACAAAGTAAGTTGGCAACTGGACTCTCAAAAGCCAAGAGTCAAGTTTTTAAAAATCAAGATCCGGTGCTACCCCTCGTCCCAACCAGGACACCTCTCTACAGTAAATACATGCGTGGGGATGTACTTGTGATGCTGAAGCAGACGGAATAATTACTTGGAGTGCCAAAGGGAGAAGACACTGGCAGAGTTCACCTGTCTCAAATGAAGATTATCACTCCACTTGATGAACATCTTGAAGCAGACCAACGATCCAAGCCAGCTCAGAAGCCTGTTGACAGTGGTGCTCCTCATGCTGTCGTTCTTCATGATTTCCAGCAGAGCAAGTTGATGATTTGAACCTCACTTCTGGAGAAATGTTTATCTTCTGGAAGATAGATACAGATTGGTACAGAGGAACTGTAGAAACAGATTGGCATATTTCTGCCAACTATGTCAAAGTGATTATTGATATCCAGAGGAGGAAATGGGAAAAGAGAAATGTGTTTCATCTCATTGTGTTAAAGGCTCAAGATGTGTGCTCGGTTTGAATATATTGGAGAGCAGAAGGATGAGTTGAGTTTCTCAGAGGGAGAATTATTATTCTTAAAGAGTATGTGAATGAGGAATGGGCCAGAGGAGAAGTTCGAGGCAGAACTGGGATTTTCCCCCTGAACCTTTGTGGAGCCTGTTGAGGATTATCCACCTCTGGTGCAAATGTTTTAAGCACAAAGGTACCACTGAAAACCAAAAAGAAGATTCTGGCTCAAACCTCAGGTTAACAGTCTCCGGCAGAATGGTGTAAGCTCTTACAGTTTTACAGCAGAGACCAGTGATGACTTATCATTCAAGAGGGGAGACCGGATCCAGATTCTGGAACGTCTGGATTCTGACTGGTGCAGGGGCAGACTGCAGGACAGGGAGGGGATCTTCCAGCAGTGTTTTGTGAGGCCCTGCCAGCTGAGGCAAAAAGTATGTTGGCCATAGTACCGAAGGGGAGGAAGGCCAAAGCCTTATATGATTTCCGAGGGGAGAATGAAGATGAACCTTCTTCAAGGCTGGAGATATAATAACAGAGCTGGAATCTGTAGATGATGACTGGATGAGTGGAGAAGTTATGGGAAAATCTGGAATATTTCCAAAAAATACATACAGTTTCTACAGATCAGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

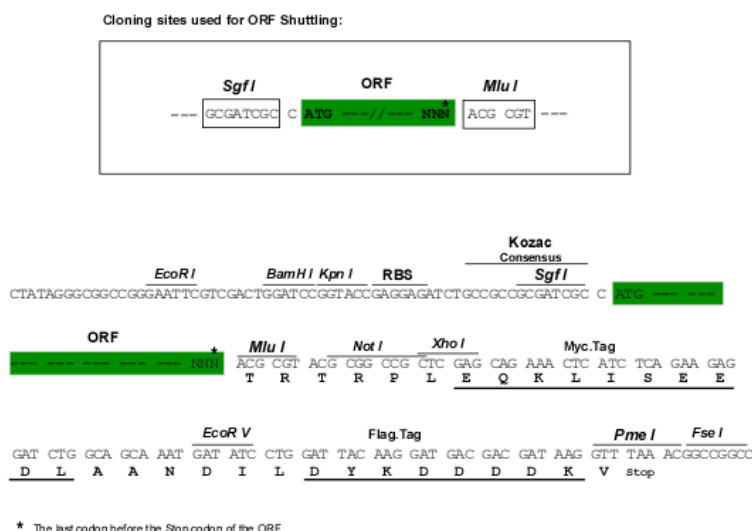
Protein Sequence: >RC226119 representing NM_001128924
Red=Cloning site Green=Tags(s)

MNIMNTEQSQNSIVSRKIVFEGQTNIETSGLPKKPEITPRSLPKPVTVSSGKPSVAPKPAANRASGEWDS
 GTENRLKVTKEGLTPYPPLQEAGSIPVTKPELPKKNPGLIRSVNPEIPGRGPLAESSDSGKKVPTPAP
 RPLLLKKSVSSENPTYPAPLKPVTVPRLAGASQAKAYKSLGEGPPANPPVVLQSKPLVDIDLISFDD
 DVLPTPSGNLAEESVGSEMVLLGHEDPQSPPLPAEKPIGNTFTSTVSGKLSNVERTRNLESNHPGQTGGF
 VRVPPRLPPRPVNGKTIPTQPPTKVPPERPPPKLSATRRSNKKLPFNRSSSDMLQKKQSNLATGLSK
 AKSQVFNQDPVLP RP PKP GHPLYSKYMRGDVLVMLKQTENNYLECQKGEDTGRVHLSQMKIITPLDEHL
 RSRPNDP SHAQKPVDSGAPHAVVLHDFPAEQVDDLNLTSGEIVYLLEKIDTDWYRGNCRNQIGIFPANYV
 KVIIDIPEGGNGKRECVS SHCVKGSRCVARFEYIGE QKDEL SFSEGEI IILKEYVNEEWARGEVRGRTGI
 FPLNFVEPVEDYPTSGANVLSTKVPLTKKDESDGSNSQVNSLPAEWCEALHSFTAETSDDL SFKRGDRIQ
 ILERLSDWCRGRLQDREGIFPAVFTRPCKAEAKSMLAIVPKGRKAKALYDFRGNEDEL SFKAGDIITE
 LESVDDDDWMSGELMGKSGTIFPKNYIOFLOIS

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM 001128924

ORF Size: 2193 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: NM_001128924.1, NP_001122396.1

RefSeq ORF: 2196 bp

Locus ID: 152503

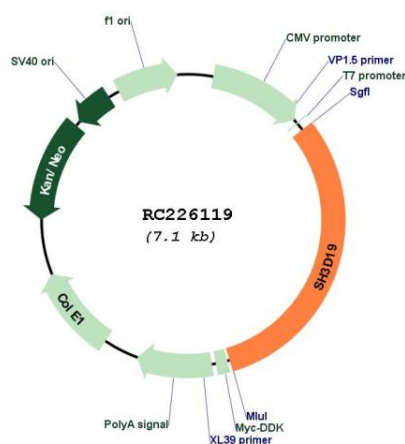
UniProt ID: Q5HYK7

Cytogenetics: 4q31.3

MW: 80 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]

Product images:



Circular map for RC226119