

Product datasheet for SC310745

SPRED3 (NM_001039616) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: SPRED3

Synonyms: Eve-3; spred-3

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >SC310745 representing NM_001039616.

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

GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

CCTCTGACGCTCTCCCAGTACTTCAGGCATATGCTGTGCCCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT

TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: Sgfl-Mlul

ACCN: NM_001039616

Insert Size: 459 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).



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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_001039616.1</u>

RefSeq Size: 543 bp

RefSeq ORF: 459 bp

Locus ID: 399473

Cytogenetics: 19q13.2

MW: 16.3 kDa

Gene Summary: This gene encodes a protein with a C-terminal Sprouty-like cysteine-rich domain (SRY) and an

N-terminal Ena/Vasodilator-stimulated phosphoprotein (VASP) homology-1 (EVH-1) domain. The encoded protein is a member of a family of proteins that negatively regulates mitogenactivated protein (MAP) kinase signaling, particularly during organogenesis. Alternative

splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]