

Product datasheet for **SC329598**

SH3 containing Grb 2 like 1 protein (SH3GL1) (NM_001199944) Human Untagged Clone

Product data:

| | |
|----------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | SH3 containing Grb 2 like 1 protein (SH3GL1) (NM_001199944) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | SH3GL1 |
| Synonyms: | CNSA1; EEN; SH3D2B; SH3P8 |
| Vector: | pCMV6-Entry (PS100001) |
| Fully Sequenced ORF: | >SC329598 representing NM_001199944. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

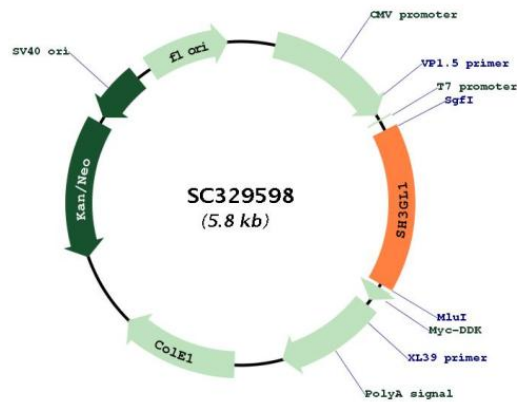
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ATGTCGGTGGCGGGCTGAAGAAGCAGTTCTACAAGGCGAGCCAGCTGGTCAGTGAGAAGGTCGGAGGG
GCCGAGGGACCAAGCTGGATGATGACTTCAAAGAGATGGAGAAGAAGGTGGATGTACCAGCAAGGCG
GTGACAGAAGTGCTGGCCAGGACCATCGAGTACCTGCAGCCCAACCCAGCCTCGCGGGCTAAGCTGACC
ATGCTCAACACGGTGTCCAAGATCCGGGGCCAGAACCTGTGCGAGAAAGACCTGAAGGAGATCCAGCAC
CACCTGAAGAACTGGAGGGCCCGCCTGGACTTTGACTACAAGAAGAAGCGGCAGGGCAAGATCCCC
GATGAGGAGCTACGCCAGGCGCTGGAGAAGTTCGAGGAGTCCAAGGAGGTGGCAGAAACCAGCATGCAC
AACCTCCTGGAGACTGACATCGAGCAGGTGAGTCAGCTCTCGGCCCTGGTGGATGCACAGCTGGACTAC
CACCGGCAGGCCGTGCAGATCCTGGACGAGCTGGCGGAGAAGCTCAAGCGCAGGATGCGGGAAGCTTCC
TCACGCCCTAAGCGGGAGTATAAGCCCAAGCCCCGGGAGCCCTTTGACCTTGGAGAGCCTGAGCAGTCC
AACGGGGGCTTCCCCTGCACCACAGCCCCAAGATCGCAGCTTCATCGTCTTTCCGATCTCCGACAAG
CCCATCCGGACCCTAGCCGGAGCATGCCGCCCTGGACCAGCCGAGCTGCAAGGCGCTGTACGACTTC
GAGCCCAGAACGACGGGGAGCTGGGCTTCCATGAGGGCGACGTCATCACGCTGACCAACCAGATCGAT
GAGAACTGGTACGAGGGCATGCTGGACGGCCAGTCGGGCTTCTTCCCGCTCAGCTACGTGGAGGTGCTT
GTGCCCCTGCCCGAGTGA
```

Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001199944

Insert Size: 915 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:

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: [NM_001199944.1](#)

RefSeq Size: 2217 bp

RefSeq ORF: 915 bp

Locus ID: 6455

UniProt ID: [Q99961](#)

Cytogenetics: 19p13.3

Protein Families: Druggable Genome

Protein Pathways: Endocytosis

MW: 34.5 kDa

Gene Summary: This gene encodes a member of the endophilin family of Src homology 3 domain-containing proteins. The encoded protein is involved in endocytosis and may also play a role in the cell cycle. Overexpression of this gene may play a role in leukemogenesis, and the encoded protein has been implicated in acute myeloid leukemia as a fusion partner of the myeloid-lymphoid leukemia protein. Pseudogenes of this gene are located on the long arm of chromosomes 11 and 17. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]
Transcript Variant: This variant (3) uses two alternate in-frame splice sites in the coding region but maintains the reading frame, compared to variant 1. This results in a shorter protein (isoform 3), compared to isoform 1.