

Product datasheet for **SC107680**

SH3BGRL3 (NM_031286) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SH3BGRL3 (NM_031286) Human Untagged Clone
Tag:	Tag Free
Symbol:	SH3BGRL3
Synonyms:	HEL-S-297; SH3BP-1; TIP-B1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107680 sequence for NM_031286 edited (data generated by NextGen Sequencing) ATGAGCGGCCTGCGCTCTACAGCACGTCGGTCACCGGCTCCCGCAAATCAAGTCCCAG CAGAGCGAGGTGACCCGAATCCTGGATGGGAAGCGCATCCAATACCAGCTAGTGGACATC TCCCAGGACAACGCCCTGAGGGATGAGATGCGAGCCTTGCGAGGCAACCCCAAGGCCACC CCACCCAGATTGTCAACGGGGACCACTGTGGGGACTATGAGCTCTTCGTGGAGGCT GTGGAACAAAACACGCTGCAGGAGTTCCTGAAGCTGGCTTGA Clone variation with respect to NM_031286.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_031286 unedited
 TTTTGTATAGAACTACTCTAGGGCGGCGCGATTTCGGCACGAGGCCCGGCAGTGCAGC
 TGCCGCTACCGCCGCCCTCTGCCCGCGGCCCGTCTGTCTACCCCGAGCATGAGCGGCCT
 GCGCGTCTACAGCACGTCCGGTACCGGCTCCCGCGAAATCAAGTCCCAGCAGAGCGAGGT
 GACCCGAATCCTGGATGGGAAGCGCATCAATACCAGCTAGTGGACATCTCCAGGACAA
 CGCCCTGAGGGATGAGATGCGAGCCTTGGCAGGCAACCCCAAGGCCACCCACCCAGAT
 TGTCAACGGGGACCACTACTGTGGGACTATGAGCTCTTCGTGGAGGCTGTGGAACAAAA
 CACGCTGCAGGAGTTCTGAAGCTGGCTTGAGTCAAGCCTGTCCAGAGTTCCCTGCTGG
 ACTCCATCACCACACTCCCCCAGCCTTCACTGGCCATGAAGGACCTTTTGACCAACTC
 CCTGTCTTCTAACCTAACCTTAGAGTCCCTCCCCCAATGCAGGCCACTTCTCTCCCT
 CCTCTCTAAATGTAGTCCCTCTCTCCATCTAAAGGCAACATTCCTTACCCATTAGTCT
 CAGAAATTGTCTTAAGCAACAGCCCAATGCTGGCTGCCCGCAGCAAGCATTGGGGCC
 GCCATCTGCCTGGCACTGGCTGATGGGCACCTCTGTTGGTTCCATCAGCCAGAGCTCTG
 CCAAAGGCCCGCAGTCCCTCTCCAGAGGACCCCTAGAGGCATTAAATGATGCTCCTGTT
 CCATTGGCAANNNNNAACNCCNNNNCCNCCNNNNNANAAAAAAAAAAAAAAAAAACTCACTT
 CTAATTGGCGCCCGGCCATACTGTTTTCTGACAAGACCCGGTTGCATCCTTGGGACCCT
 CCCCAGGCTCTCTGGCCTTGGAGTGCCACTCATGCCCCCACCCTGTCTATAATAAGTG
 CACATTTGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_031286 unedited
 TGTACCGCGCCGCAATTTCTACATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTGGCAATGGGAAAAGAAATTATTTAATTGGCTCTAAGGGCCT
 TCTGGGAAAAGGACTGGGGGGCCCTTGGGAAACTCTGGCTGATGGAACCAACAGAGGGG
 CCCCTTATCCACTGCCAAGCAAGATGGGGGGCCCAATGCTTGGCTGGGGGCACCCAGCAT
 TTGGGGCTCTTGCTTAAAAAATTTCTGAAACTAAAGGGGAACGAATGGTCCCTTTAAATG
 GAGGAGAGGGGACTTCCTTTTGAAGGAGGGAGGAAAAATGGCCTGCTTTGGGGGAGGGA
 CCTCTATGTTAGGCCAAGAATGAACAGGCACCTGACAAAAAGGCCCTTTCTGGGCCCCCT
 GAATGCTGGGGCGAATCTCGCTATCACCCCCCGGGCAACTCTTTGAAAGGCTTTCC
 CTCAACCCACCCTCTGGAATCCCTTTTCATGGCTCTTCTCTCCCTCCCCCCTAACAT
 TCTTTCTCTCTCCCTCACCGCCCCCACACTGCTCCTCTTTGTTGGCGGGGCATCT
 ATCGCACCACTCCCCAAGCCCTCCCTCTCTCTCTAGTCCCATCCACCCGGCAAAAA
 CCCACTTTACCGCAACTCGGCCCGACTCTCCCTCCCACTCATCCCGCCCCACCACCTT
 ACCCGGACCCACTTTATCCTCGCTATCCCTCGATGCATCTATTATCATTAGAATTACCT
 CTTTGTCTCTTCTGCGCGCACACTTCTCCTTCCCCGCTCTAGGTGCTTTATTCTCATA
 ATATGCATCTACCCTACCCCTCACGCCCCGACACAGCCTCCCGTCTCACCCGCCCCCTCA
 GACTCCCGCTCCCCACACACCTTGAATTACTTATCTGCATCAAGCACTTCTTACCAGAC
 CCGTCACGCTATCGTCCCACTTCTTATCCTTTTACCTCCGCATCTCCCGCTACCTACACC
 ACCTTCCCCTCATCCACATGTATC

Restriction Sites:

NotI-NotI

ACCN:

NM_031286

Insert Size:

750 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:	<u>NM_031286.2, NP_112576.1</u>
RefSeq Size:	901 bp
RefSeq ORF:	282 bp
Locus ID:	83442
UniProt ID:	<u>Q9H299</u>
Cytogenetics:	1p36.11
Domains:	SH3BGR
Gene Summary:	Could act as a modulator of glutaredoxin biological activity.[UniProtKB/Swiss-Prot Function]