

## **Product datasheet for SC200402**

## SH2B2 (NM 020979) Human 3' UTR Clone

## **Product data:**

**Product Type:** 3' UTR Clones

**Product Name:** SH2B2 (NM\_020979) Human 3' UTR Clone

**Vector:** pMirTarget (PS100062)

Symbol: SH2B2
Synonyms: APS

**ACCN:** NM\_020979

**Insert Size:** 111 bp

Insert Sequence: >SC200402 3'UTR clone of NM\_020979

The sequence shown below is from the reference sequence of NM\_020979. The complete

sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG

TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC

GCCGTGGAGAACCAGTACTCCTTCTACTAGCCCGCGGCGCCCCGGGTGGGACACGCCAAGCTCTTCA

GTGAAGACACGATGTTATTAAAAGCCTGTTTTAGGGACTGCA

CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

**Restriction Sites:** Sgfl-Mlul

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a

point of reference. Note that the complete sequence of this clone is largely the same as the

reference sequence but may contain minor differences, e.g., single nucleotide

polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The

package also includes 100 pmols of both the corresponding 5' and 3' vector primers in

separate vials.

**RefSeq:** <u>NM 020979.5</u>

**Summary:** The protein encoded by this gene is expressed in B lymphocytes and contains pleckstrin

homology and src homology 2 (SH2) domains. In Burkitt's lymphoma cell lines, it is tyrosine-phosphorylated in response to B cell receptor stimulation. Because it binds Shc independent of stimulation and Grb2 after stimulation, it appears to play a role in signal transduction from

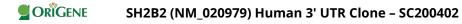
the receptor to the Shc/Grb2 pathway. [provided by RefSeq, Jun 2009]



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**Locus ID:** 10603

MW: 4