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# Product datasheet for TR306415

## BCOR Human shRNA Plasmid Kit (Locus ID 54880)

### Product data:

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|---|---|
| **Product Type:** | shRNA Plasmids |
| **Product Name:** | BCOR Human shRNA Plasmid Kit (Locus ID 54880) |
| **Locus ID:** | 54880 |
| **Synonyms:** | ANOP2; MAA2; MCOPS2 |
| **Vector:** | pRS (TR20003) |
| **E. coli Selection:** | Ampicillin |
| **Mammalian Cell Selection:** | Puromycin |
| **Format:** | Retroviral plasmids |
| **Components:** | BCOR - Human, 4 unique 29mer shRNA constructs in retroviral untagged vector(Gene ID = 54880). 5µg purified plasmid DNA per construct<br>29-mer scrambled shRNA cassette in pRS Vector, TR30012, included for free. |
| **RefSeq:** | NM_001123383, NM_001123384, NM_001123385, NM_017745, NM_020926, NM_017745.1, NM_017745.2, NM_017745.3, NM_017745.4, NM_017745.5, NM_001123384.1, NM_001123383.1, NM_001123385.1, NM_020926.2, BC114220, BC009675, BC063536, BC128387, BC128456, NM_001130139, NM_001123385.2, NM_001123384.2 |
| **UniProt ID:** | Q6W2J9 |
| **Summary:** | The protein encoded by this gene was identified as an interacting corepressor of BCL6, a POZ/zinc finger transcription repressor that is required for germinal center formation and may influence apoptosis. This protein selectively interacts with the POZ domain of BCL6, but not with eight other POZ proteins. Specific class I and II histone deacetylases (HDACs) have been shown to interact with this protein, which suggests a possible link between the two classes of HDACs. Several transcript variants encoding different isoforms have been found for this gene. A pseudogene of this gene is found on chromosome Y.[provided by RefSeq, Jun 2010] |
| **shRNA Design:** | These shRNA constructs were designed against multiple splice variants at this gene locus. To be certain that your variant of interest is targeted, please contact techsupport@origene.com. If you need a special design or shRNA sequence, please utilize our custom shRNA service. |

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**Performance Guaranteed:**

OriGene guarantees that the sequences in the shRNA expression cassettes are verified to correspond to the target gene with 100% identity. One of the four constructs at minimum are guaranteed to produce 70% or more gene expression knock-down provided a minimum transfection efficiency of 80% is achieved. Western Blot data is recommended over qPCR to evaluate the silencing effect of the shRNA constructs 72 hrs post transfection. To properly assess knockdown, the gene expression level from the included scramble control vector must be used in comparison with the target-specific shRNA transfected samples.

For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at techsupport@origene.com. Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled shRNA control (Western Blot data preferred).