

BSG (Gene ID 682) Human shRNA

Specifications

SKU	Format	Description	Vector
TL314429V	Lentiviral particles	• BSG - Human shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10 ⁷ TU/ml.	pGFP-C-shLenti

This kit containing following constructs: (Negative scrambled control is provided with each shipment)

Sequences	Tube ID	Species Specificity (human, mouse, rat)
CTTCACTACCGTAGAAGACCTTGGCTCCA	TL314429A / TL314429A	H
CAGCACCAAGATGACAAAGGCAAGAACGT	TL314429B / TL314429B	H
TCACCTGCTCCTTGAATGACAGCGCCACA	TL314429C / TL314429C	H
AAGGCTGTGAAGTCGTCAGAACACATCAA	TL314429D / TL314429D	H

Reference Data

RefSeq: [NM_001322243](#) [NM_001728](#) [NM_198589](#) [NM_198590](#) [NM_198591](#) [XM_017027173](#)

Synonyms: 5F7; CD147; EMMPRIN; OK; TCSF

Summary: The protein encoded by this gene is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. The encoded protein is also a member of the immunoglobulin superfamily. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008].

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, align it with our published shRNA design sequences.

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

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