

Product datasheet for KN203894BN

CD147 (BSG) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo

Symbol: CD147

Locus ID: 682

Components: KN203894G1, CD147 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN203894G2, CD147 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN203894BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: <u>NM 001322243, NM 001728, NM 198590, NM 198590, NM 198591</u>

UniProt ID: P35613

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

Summary: The protein encoded by this gene, basigin, is a plasma membrane protein that is important in

spermatogenesis, embryo implantation, neural network formation, and tumor progression. Basigin is also a member of the immunoglobulin superfamily, ubiquitously expressed in various tissues. Multiple transcript variants encoding different isoforms have been found for

this gene. [provided by RefSeq, May 2020]



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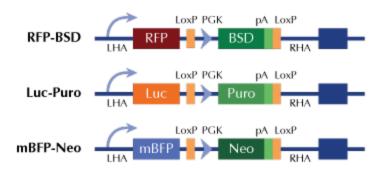
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Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter