

Product datasheet for KN200456BN

LAMP2 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

LAMP2 Symbol:

3920 Locus ID:

KN200456G1, LAMP2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN200456G2, LAMP2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN200456BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: NM 001122606, NM 002294, NM 013995

UniProt ID: P13473

Synonyms: CD107b; LAMP-2; LAMPB; LGP110

Summary: The protein encoded by this gene is a member of a family of membrane glycoproteins. This

> glycoprotein provides selectins with carbohydrate ligands. It may play a role in tumor cell metastasis. It may also function in the protection, maintenance, and adhesion of the lysosome. Alternative splicing of this gene results in multiple transcript variants encoding

distinct proteins. [provided by RefSeq, Jul 2008]

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Product images:

Donor Vector Edited Chromosome



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