

Product datasheet for KN220644LP

OriGene Technologies, Inc.

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LFA3 (CD58) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

Symbol: LFA3
Locus ID: 965

Components: KN220644G1, LFA3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN220644G2, LFA3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN220644LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

Disclaimer: These products are manufactured and supplied by OriGene under license from ERS. The kit is

designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the

experimental process.

RefSeq: <u>NM 001144822</u>, <u>NM 001779</u>, <u>NR 026665</u>

UniProt ID: P19256

Synonyms: ag3; LFA-3; LFA3

Summary: This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a

ligand of the T lymphocyte CD2 protein, and functions in adhesion and activation of T lymphocytes. The protein is localized to the plasma membrane. Alternatively spliced

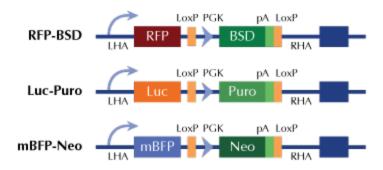
transcript variants have been described. [provided by RefSeq, Jan 2009]





Product images:

Donor Vector Edited Chromosome



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