

Product datasheet for KN203439LP

OriGene Technologies, Inc.

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Hsp75 (TRAP1) 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: Hsp75 Locus ID: 10131

Components: KN203439G1, Hsp75 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN203439G2, Hsp75 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN203439LPD, 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 001272049</u>, <u>NM 016292</u>

UniProt ID: Q12931

Synonyms: HSP 75; HSP75; HSP90L; TRAP-1

Summary: This gene encodes a mitochondrial chaperone protein that is member of the heat shock

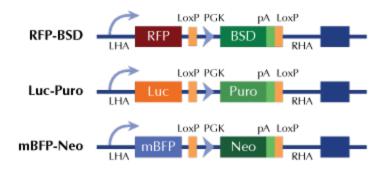
protein 90 (HSP90) family. The encoded protein has ATPase activity and interacts with tumor necrosis factor type I. This protein may function in regulating cellular stress responses. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]





Product images:

Donor Vector Edited Chromosome



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