

## Product datasheet for **KN203439**

### Hsp75 (TRAP1) Human Gene Knockout Kit (CRISPR)

#### Product data:

**Product Type:** Knockout Kits (CRISPR)  
**Format:** 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control  
**Donor DNA:** GFP-puro  
**Symbol:** Hsp75  
**Locus ID:** 10131  
**Components:** **KN203439G1**, Hsp75 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCGCCCGCAGCAAAGGCCGC  
**KN203439G2**, Hsp75 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AGCGCCGGCGCCCGCAGCAA  
**KN203439D**, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

#### Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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 TGGGGGATCA TGTAACCTCG CTT

**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:**

[NM\\_001272049](#), [NM\\_016292](#)

**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:

