

Product datasheet for KN202209LP

Hsc70 (HSPA8) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR) 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control Format: Donor DNA: Luciferase-Puro Hsc70 Symbol: Locus ID: 3312 KN202209G1, Hsc70 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components:** KN202209G2, Hsc70 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN202209LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003, scramble sequence in pCas-Guide vector NM 006597, NM 153201 RefSeq: **UniProt ID:** P11142 Synonyms: HEL-33; HEL-S-72p; HSC54; HSC70; HSC71; HSP71; HSP73; HSPA10; LAP-1; LAP1; NIP71 This gene encodes a member of the heat shock protein 70 family, which contains both heat-Summary: inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]



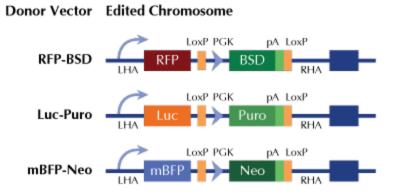
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Product images:



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

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