

Product datasheet for **KN202209LP**

Hsc70 (HSPA8) 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:	Hsc70
Locus ID:	3312
Components:	<p>KN202209G1, Hsc70 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN202209G2, Hsc70 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN202209LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	<u>NM_006597</u> , <u>NM_153201</u>
UniProt ID:	<u>P11142</u>
Synonyms:	HEL-33; HEL-S-72p; HSC54; HSC70; HSC71; HSP71; HSP73; HSPA10; LAP-1; LAP1; NIP71
Summary:	This gene encodes a member of the heat shock protein 70 family, which contains both heat-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:

