

Product datasheet for **KN206379LP**

Caspase 10 (CASP10) 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:	Caspase 10
Locus ID:	843
Components:	KN206379G1 , Caspase 10 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN206379G2 , Caspase 10 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN206379LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_001206524 , NM_001206542 , NM_001230 , NM_001306083 , NM_032974 , NM_032976 , NM_032977
UniProt ID:	Q92851
Synonyms:	ALPS2; FLICE2; MCH4
Summary:	This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 3 and 7, and the protein itself is processed by caspase 8. Mutations in this gene are associated with type IIA autoimmune lymphoproliferative syndrome, non-Hodgkin lymphoma and gastric cancer. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Apr 2011]



[View online »](#)

Product images:

