

Product datasheet for **KN208745LP**

DDR2 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:	DDR2
Locus ID:	4921
Components:	<p>KN208745G1, DDR2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN208745G2, DDR2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN208745LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001014796 , NM_006182 , NM_001354982 , NM_001354983
UniProt ID:	Q16832
Synonyms:	MIG20a; NTRKR3; TKT; TYRO10
Summary:	<p>This gene encodes a member of the discoidin domain receptor subclass of the receptor tyrosine kinase (RTKs) protein family. RTKs play a key role in the communication of cells with their microenvironment. The encoded protein is a collagen-induced receptor that activates signal transduction pathways involved in cell adhesion, proliferation, and extracellular matrix remodeling. This protein is expressed in numerous cell types and may also be involved in wound repair and regulate tumor growth and invasiveness. Mutations in this gene are the cause of short limb-hand type spondylometaepiphyseal dysplasia. [provided by RefSeq, Aug 2017]</p>



[View online »](#)

Product images:

