

Product datasheet for **KN205725LP**

Eph receptor A2 (EPHA2) 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:	Eph receptor A2
Locus ID:	1969
Components:	KN205725G1 , Eph receptor A2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN205725G2 , Eph receptor A2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN205725LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_004431 , NM_001329090
UniProt ID:	P29317
Synonyms:	ARCC2; CTPA; CTPP1; CTRCT6; ECK
Summary:	This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene encodes a protein that binds ephrin-A ligands. Mutations in this gene are the cause of certain genetically-related cataract disorders.[provided by RefSeq, May 2010]



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Product images:

