

## Product datasheet for **KN211230BN**

### Eph receptor A4 (EPHA4) Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	Eph receptor A4
Locus ID:	2043
Components:	<b>KN211230G1</b> , Eph receptor A4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN211230G2</b> , Eph receptor A4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN211230BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector

**Disclaimer:** These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

**RefSeq:** [NM\\_001304536](#), [NM\\_001304537](#), [NM\\_004438](#), [NM\\_001363748](#)

**UniProt ID:** [P54764](#)

**Synonyms:** HEK8; SEK; TYRO1

**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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2015]



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Product images:

