

Product datasheet for **KN205884**

IL32 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	IL32
Locus ID:	9235
Components:	<p>KN205884G1, IL32 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCTTCCCGAAGGTGAGTGAG</p> <p>KN205884G2, IL32 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGTGCCCTCAGTATTCCCG</p> <p>KN205884D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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 TACAGGCATC GTGGTGTAC GCTCGTCGTT TGGTATGGCT TCATTCAGCT CCGGTTCCCA ACGATC

GE100003, 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_001012631](#), [NM_001012632](#), [NM_001012633](#), [NM_001012634](#), [NM_001012635](#),
[NM_001012636](#), [NM_001012718](#), [NM_001308078](#), [NM_004221](#), [NM_001369589](#),
[NM_001369590](#), [NM_001369595](#), [NM_001369587](#), [NM_001369588](#), [NM_001369591](#),
[NM_001369592](#), [NM_001369593](#), [NM_001369596](#)

UniProt ID:

[P24001](#)

Synonyms:

IL-32alpha; IL-32beta; IL-32delta; IL-32gamma; NK4; TAIF; TAIFa; TAIFb; TAIFc; TAIFd

Summary:

This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of TNFalpha from macrophage cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

Product images:

