

Product datasheet for KN304047

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Cxcl5 Mouse 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: Cxcl5
Locus ID: 20311

Components: KN304047G1, Cxcl5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence:

GTTCCATCTCGCCATTCATG

KN304047G2, Cxcl5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence:

CTGCCGCAGCATCTAGCTGA

KN304047D, donor DNA containing left and right homologous arms and GFP-puro functional

cassette.

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: <u>NM 009141</u>

UniProt ID: P50228

Synonyms: AMCF-II; Cxcl6; ENA-78; GCP-2; LIX; Scyb5; Scyb6

Summary: This gene encodes a protein that is a member of the CXC subfamily of chemokines.

Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils and to have homeostatic and inflammatory functions. In mouse, deficiency of this gene is associated with increased

lung inflammation that is neutrophil-dependent. [provided by RefSeq, May 2013]



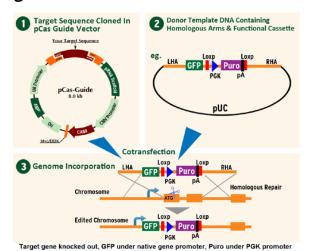
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Product images:



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