

Product datasheet for KN206431

AXL 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: AXL Locus ID: 558

KN206431G1, AXL gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: Components:

GTGCTTGGCGCTGTGCGGCT

KN206431G2, AXL gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence:

TGGGCGTGCATGGCCCCCAG

KN206431D, 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.

NM 001278599, NM 001699, NM 021913 RefSeq:

UniProt ID: P30530

Synonyms: ARK; JTK11; Tyro7; UFO

Summary: The protein encoded by this gene is a member of the Tyro3-Axl-Mer (TAM) receptor tyrosine

kinase subfamily. The encoded protein possesses an extracellular domain which is composed of two immunoglobulin-like motifs at the N-terminal, followed by two fibronectin type-III motifs. It transduces signals from the extracellular matrix into the cytoplasm by binding to the vitamin K-dependent protein growth arrest-specific 6 (Gas6). This gene may be involved in several cellular functions including growth, migration, aggregation and anti-inflammation in multiple cell types. Alternative splicing results in multiple transcript variants of this gene.

[provided by RefSeq, Jul 2013]



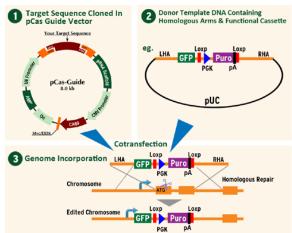
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Product images:



Target gene knocked out, GFP under native gene promoter, Puro under PGK promoter