

Product datasheet for **KN202741RB**

TGF alpha (TGFA) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA: RFP-BSD

Symbol: TGF alpha

Locus ID: 7039

Components: **KN202741G1**, TGF alpha gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)
KN202741G2, TGF alpha gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)
KN202741RBD, donor DNA containing left and right homologous arms and RFP-BSD 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: [NM_001099691](#), [NM_001308158](#), [NM_001308159](#), [NM_003236](#)

UniProt ID: [P01135](#)

Synonyms: TFGA

Summary: This gene encodes a growth factor that is a ligand for the epidermal growth factor receptor, which activates a signaling pathway for cell proliferation, differentiation and development. This protein may act as either a transmembrane-bound ligand or a soluble ligand. This gene has been associated with many types of cancers, and it may also be involved in some cases of cleft lip/palate. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]



[View online »](#)

Product images:

