

Product datasheet for **KN215589BN**

MPIG6B 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: MPIG6B
Locus ID: 80739
Components: **KN215589G1**, MPIG6B gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)
KN215589G2, MPIG6B gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)
KN215589BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.

Homologous arm and mBFP-Neo sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **mBFP-Neo in green**; **Right arm in violet**

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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_025260](#), [NM_138272](#), [NM_138273](#), [NM_138274](#), [NM_138275](#), [NM_138276](#), [NM_138277](#)

UniProt ID:

[O95866](#)

Synonyms:

G6b; NG31

Summary:

This gene is a member of the immunoglobulin (Ig) superfamily and is located in the major histocompatibility complex (MHC) class III region. The protein encoded by this gene is a glycosylated, plasma membrane-bound cell surface receptor, but soluble isoforms encoded by some transcript variants have been found in the endoplasmic reticulum and Golgi before being secreted. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:

