

## Product datasheet for **KN217882RB**

### Integrin alpha 3 (ITGA3) 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:	Integrin alpha 3
Locus ID:	3675
Components:	<b>KN217882G1</b> , Integrin alpha 3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN217882G2</b> , Integrin alpha 3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN217882RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , 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><a href="#">NM_002204</a></u> , <u><a href="#">NM_005501</a></u>
UniProt ID:	<u><a href="#">P26006</a></u>
Synonyms:	CD49C; FRP-2; GAP-B3; GAPB3; ILNEB; MSK18; VCA-2; VL3A; VLA3a
Summary:	The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function as cell surface adhesion molecules. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 3 subunit. This subunit joins with a beta 1 subunit to form an integrin that interacts with extracellular matrix proteins including members of the laminin family. Expression of this gene may be correlated with breast cancer metastasis. [provided by RefSeq, Oct 2015]



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## Product images:

