

## Product datasheet for **KN219792RB**

### Filaggrin (FLG) 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:	Filaggrin
Locus ID:	2312
Components:	<b>KN219792G1</b> , Filaggrin gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN219792G2</b> , Filaggrin gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN219792RBD</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:	<a href="#">NM_002016</a>
UniProt ID:	<a href="#">P20930</a>
Synonyms:	ATOD2
Summary:	The protein encoded by this gene is an intermediate filament-associated protein that aggregates keratin intermediate filaments in mammalian epidermis. It is initially synthesized as a polyprotein precursor, profilaggrin (consisting of multiple filaggrin units of 324 aa each), which is localized in keratohyalin granules, and is subsequently proteolytically processed into individual functional filaggrin molecules. Mutations in this gene are associated with ichthyosis vulgaris.[provided by RefSeq, Dec 2009]



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## Product images:

