

## Product datasheet for **KN205686BN**

### Asialoglycoprotein Receptor 1 (ASGR1) 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:	Asialoglycoprotein Receptor 1
Locus ID:	432
Components:	<b>KN205686G1</b> , Asialoglycoprotein Receptor 1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN205686G2</b> , Asialoglycoprotein Receptor 1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN205686BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
RefSeq:	<a href="#">NM_001197216</a> , <a href="#">NM_001671</a>
UniProt ID:	<a href="#">P07306</a>
Synonyms:	ASGPR; ASGPR1; CLEC4H1; HL-1
Summary:	This gene encodes a subunit of the asialoglycoprotein receptor. This receptor is a transmembrane protein that plays a critical role in serum glycoprotein homeostasis by mediating the endocytosis and lysosomal degradation of glycoproteins with exposed terminal galactose or N-acetylgalactosamine residues. The asialoglycoprotein receptor may facilitate hepatic infection by multiple viruses including hepatitis B, and is also a target for liver-specific drug delivery. The asialoglycoprotein receptor is a hetero-oligomeric protein composed of major and minor subunits, which are encoded by different genes. The protein encoded by this gene is the more abundant major subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]



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## Product images:

