

Product datasheet for KN206822RB

OGT 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:

OGT Symbol:

8473 Locus ID:

KN206822G1, OGT gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN206822G2, OGT gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN206822RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

NM 003605, NM 181672, NM 181673 RefSeq:

UniProt ID: 015294

Synonyms: FLJ23071; HRNT1; MGC22921; O-GLCNAC

This gene encodes a glycosyltransferase that catalyzes the addition of a single N-**Summary:**

acetylglucosamine in O-glycosidic linkage to serine or threonine residues. Since both

phosphorylation and glycosylation compete for similar serine or threonine residues, the two processes may compete for sites, or they may alter the substrate specificity of nearby sites by steric or electrostatic effects. The protein contains multiple tetratricopeptide repeats that are

required for optimal recognition of substrates. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Oct 2009]



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

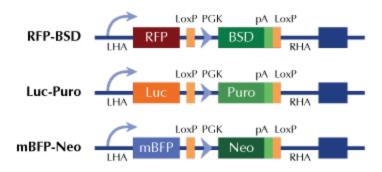
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter