

## Product datasheet for **KN222452**

### TBLR1 (TBL1XR1) Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	TBLR1
Locus ID:	79718
Components:	<p><b>KN222452G1</b>, TBLR1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CAGTGATGAGGTCAACTTCT</p> <p><b>KN222452G2</b>, TBLR1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TATAGATACTTGCAAGAGTC</p> <p><b>KN222452D</b>, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p> <p>Homologous arm and GFP-puro sequences:  pUC vector backbone in gray; Left arm sequence in blue; GFP-puro in green; Right arm in violet</p> <pre> ACTGTATCC AGCCTATCTC ATACATACCT AGAGCTTTTT GAGACTTGAA CATTACAGAT GAGATGGTGA GAAAATAGAG ACTTCATATC CTGCCAAGTT TCATAGATAA AACTGGAGTG GATAACTCAT GGTTCTACCC CACCCAATGG TCTTTCCCA AGTAACTGAT ATTCTTTTTT AACTAAATCA GCCTTCTTGC AAATAACTAA TATTTTTTAT TTTTAAAATT TACTTCTTTT TACAGTTAAG GAGAAAAAGT GAGCAACATT TTATGCTATT TGATAAAATC ATTAAAATAT TATGCTAAAG CCCTCTAAAA AATTTTGTTT TATTTTGGCC AGTATGTTAC TTTGAAGAAA AATAACACCA GCCATGTTTT GGTTGTATAA TCATTTTCTT AACTATTGGA AGCAACTTTG TCAGGTTTTA TTATTAGGCA ATGTAGAACC TTCGTTTTAC ATCATTTAAT AAAATCAAAT GGTTTTTACA ACATTGTTA CATCTTGTTT AAAAATATTT TACTGAGAAA ATAATTAAT TTGTTTTATT TTTAGGGTTA TATCCTGTGT TGTGACCTCA TGGTTAAGT GGAATAAAG TAAATAGGCC TCAAATTATT TTAATATTCT CAAAATAATC TTTTATGCAT TTGAAATTTG TATCAGTCCA AACCGTTGAA CTTTGTATGT TTTCTTAATG TCTGGACTGC CATTTTAAAG CTATGTTTTA CTGCATGGTT TAACTCTCTG ACTCTTTCOA ATATGTTGCA AACAAAGGCA TTATTTGTAA CAGTTTGGCT TTCGTTGTTT AAAGACCATT TTTATAATCT GTTATGAGGT GAGATTATTG CATATGTAGT AGGAACATAA AACTTTTTAG CCACCATCAG TTTGATAATG TATATCCAGA ATTCTCAATT AAATGTTGTT GGTCTAATT GTAGTTAGTA TTTTGAAAT TAAATTAACA GTATTTTCTT AGAATGCTTT CAAAATTATT ATTTGAATTA AGTGATCCTT TGATCTGAAT TGTTATTATT GTAATGGGAG TAATTATAAA TAGAAATCAT TGAAAGCCAT TTGCAACTAA TATTAATCA ATCAGTGATC TTCCAAGTTT TATTGATAGA TAAAACAGAA GGAATACTGC AAGGGGAAAT GTGGATGGAT TAAGCAAAAA TTTAAAAGTA GAAGAGGGAA </pre> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>



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