

Product datasheet for **KN200658**

Syntaxin 3 (STX3) 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:	Syntaxin 3
Locus ID:	6809
Components:	<p>KN200658G1, Syntaxin 3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AAGGCCGTGAGTTTCGCCGC</p> <p>KN200658G2, Syntaxin 3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TGCCAGGAGGGGTGCTGCAT</p> <p>KN200658D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p> <p>Homologous arm and GFP-puro sequences:</p> <p>pUC vector backbone in gray; Left arm sequence in blue; GFP-puro in green; Right arm in violet</p> <pre> ACTCGACTGC CACCCAATGT AGCCACATC ACATTGTCTT ATTTGTTTTC GGGAGCTTGT CCCC GCCTAG CAAGGAGTCG GCTAAGAACT GGATCCTAGC GAGGAGCCCG GCACAGACAG CGAATGACCG CAGCCAGACA GTCGCTCTTG CTCTTCTCG GCCCTGCCGC AGGATCCGCC GGTGCAGGGG CCTCTCCCCG GACTCCACGC GTGTCTGGAG GGCTCTCGGG TTAGGGAAGG GGGCTTTGGA GACGCCCCGG GCGGCCGGGC GGTGGCGGGA CGCGGGCCCT TTAAGAAGGA GCGAGGGGCG CGGCCAGGTA GGGGCGGGTC CAGGGCGGAT CAGCGCTGCC CCGCGCCCGG CCCGGGAGCC GGATTTGGAG CGCGAGGCGC CGGTGGGGGC GGAGGGGGCT GCGCGGCGGA GGTCCCCGTG GCCTCGGACG CTCCTCCTAG CTAGCGGCCG CCGCCCGCCG CCGCCTGCGC CTCCAGCTCC TTCGCCCCGG CGGGCCCGGC CGCCGCTTCC GGCAGCTCAC CTGGAAGCG CTCACCTGGG ACGCGCTCAC CTGGGACGCG CTACCTGCCT CCGGGCGCCT GGGCTTCAGG AGCCGGAGGC TTGCCCTCCC CAAGCCCCCA CCGCTTCCCG CGCCGGTTCC GCACCCTCCC CTCCCCTCCC CTGCGGGGTC ATGTGCCCGG TGATTCATCG CTAGGCAATG ATTTTCTGA ACGCCTCTAA CTCTCCACC CCGCAAGCTG GACAGTGTCT GTCCAGAGCT GGTTCGCCAA GCGGGTGCTT GGGCCCGGGA GGTGAGGGT CCCTTACCA CCTGCCACT GCTGCCTGGC ACTATGCCA GGACCAGCCT CTTCTCCCT TTCCTGTTT TCTCTGAGG TGCTACAGGC CTGGCTGCCC CTTCCCCAG GGAGCAGCTC AGAGCTCTCT GGTGACCTCT GGAGCTGTGA GCCGGTCACA TGCTGGGATG GGTCAGCTCC TCTCAACCG GTGGTCTGTA ATTGTTATCC CCGGGTGTCA TTGTCCCCC CTCCCCGCC GTATCTTTTG GAACAGCTGT GGTTAGGTCA AAGGATCTGA AGGTAGACTA CCTCCAGCCT TGGCTGCGCA AAAGCTGTAA AGCCTTAGGT TACTTACTGT GAGTCTCTGT TTCCTTATCT ATCAAATGGG AATGATCATA CCCTAGGAAT </pre> <p>GE100003, scramble sequence in pCas-Guide vector</p>



[View online »](#)

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: [NM_001178040](#), [NM_004177](#)

UniProt ID: [Q13277](#)

Synonyms: STX3A

Summary: The gene is a member of the syntaxin family. The encoded protein is targeted to the apical membrane of epithelial cells where it forms clusters and is important in establishing and maintaining polarity necessary for protein trafficking involving vesicle fusion and exocytosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

Product images:

