

Product datasheet for **KN203215LP**

STK25 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	STK25
Locus ID:	10494
Components:	KN203215G1 , STK25 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN203215G2 , STK25 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN203215LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , 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:	NM_001271977 , NM_001271978 , NM_001271979 , NM_001271980 , NM_001282305 , NM_001282306 , NM_001282307 , NM_001282308 , NM_006374 , NR_073530 , NR_073531 , NR_073532 , NR_073533
UniProt ID:	O00506
Synonyms:	SOK1; YSK1
Summary:	This gene encodes a member of the germinal centre kinase III (GCK III) subfamily of the sterile 20 superfamily of kinases. The encoded enzyme plays a role in serine-threonine liver kinase B1 (LKB1) signaling pathway to regulate neuronal polarization and morphology of the Golgi apparatus. The protein is translocated from the Golgi apparatus to the nucleus in response to chemical anoxia and plays a role in regulation of cell death. A pseudogene associated with this gene is located on chromosome 18. Multiple alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2012]



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Product images:
