

Product datasheet for **TS418920**

Glucokinase (GCK) CytoSection

Product data:

Product Type:	CytoSections
Description:	Transient overexpression of GCK, transcript variant 3, in HEK293T cells, FFPE control for IHC, ICC and ISH staining, 5 slides per pack
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	TrueORF Clone RC218920
Tag:	C-MYC/DDK
Detection Antibodies:	DDK Rabbit monoclonal antibody, recognizing both N- and C-terminal tags (TA592569)
Target Detection Antibodies:	Glucokinase (GCK) Mouse Monoclonal Antibody [Clone ID: OTI3E3] (TA500459)
ACCN:	<u>NM_033508</u> , <u>NP_277043</u>
Synonyms:	FGQTL3; GK; GLK; HHF3; HK4; HKIV; HXKP; LGLK; MODY2; PNDM1
Storage:	Room Temperature
Stability:	Slides are guaranteed for a year from the date of receipt if proper storage instructions were followed.
Preparation:	HEK293T cells were transiently transfected with TrueORF cDNA plasmid. Transfected cells were cultured for 48hrs. After harvesting, the cultured cells were fixed in formalin & dehydrated before embedding in paraffin. 5 µm sections of the FFPE cell pellet blocks are cut and mounted on positively charged SuperFrost slides.
Note:	This product is for research use only and is not approved for use in humans or in clinical diagnosis.
RefSeq:	<u>NP_277043</u>
Locus ID:	2645
Cytogenetics:	7p13
Protein Families:	Druggable Genome



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Protein Pathways:

Amino sugar and nucleotide sugar metabolism, Galactose metabolism, Glycolysis / Gluconeogenesis, Insulin signaling pathway, Maturity onset diabetes of the young, Metabolic pathways, Starch and sucrose metabolism, Type II diabetes mellitus