

Product datasheet for **TS422793**

Glucokinase (GCK) CytoSection

Product data:

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| Product Type: | CytoSections |
| Description: | Transient overexpression of GCK, transcript variant 2, 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 RC222793 |
| 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_033507</u> , <u>NP_277042</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_277042</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