

## Product datasheet for **TS407790P5**

### PI 3 Kinase catalytic subunit gamma (PIK3CG) CytoSection

#### Product data:

<b>Product Type:</b>	CytoSections
<b>Description:</b>	Transient overexpression of PIK3CG in HEK293T cells, FFPE control for IHC, ICC and ISH staining, 25 slides per pack
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	TrueORF Clone RC207790
<b>Tag:</b>	C-MYC/DDK
<b>Detection Antibodies:</b>	Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)
<b>Target Detection Antibodies:</b>	PI 3 Kinase catalytic subunit gamma (PIK3CG) Mouse Monoclonal Antibody [Clone ID: OTI4G10] (TA505227)
<b>ACCN:</b>	<a href="#">NM_002649</a> , <a href="#">NP_002640</a>
<b>Synonyms:</b>	p110gamma; p120-PI3K; PI3CG; PI3K; PI3Kgamma; PIK3
<b>Storage:</b>	Room Temperature
<b>Stability:</b>	Slides are guaranteed for a year from the date of receipt if proper storage instructions were followed.
<b>Preparation:</b>	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.
<b>Note:</b>	This product is for research use only and is not approved for use in humans or in clinical diagnosis.
<b>RefSeq:</b>	<a href="#">NP_002640</a>
<b>Locus ID:</b>	5294
<b>Cytogenetics:</b>	7q22.3
<b>Protein Families:</b>	Druggable Genome, ES Cell Differentiation/IPS



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**Protein Pathways:**

Acute myeloid leukemia, Apoptosis, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Colorectal cancer, Endometrial cancer, ErbB signaling pathway, Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, Focal adhesion, Glioma, Inositol phosphate metabolism, Insulin signaling pathway, Jak-STAT signaling pathway, Leukocyte transendothelial migration, Melanoma, mTOR signaling pathway, Natural killer cell mediated cytotoxicity, Neurotrophin signaling pathway, Non-small cell lung cancer, Pancreatic cancer, Pathways in cancer, Phosphatidylinositol signaling system, Progesterone-mediated oocyte maturation, Prostate cancer, Regulation of actin cytoskeleton, Renal cell carcinoma, Small cell lung cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway, Type II diabetes mellitus, VEGF signaling pathway