Product datasheet for RC220223L3V

IGSF5 (NM_001080444) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IGSF5 (NM_001080444) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IGSF5
Synonyms:	GSF5; JAM4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001080444
ORF Size:	1221 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220223).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001080444.1, NP_001073913.1
RefSeq Size:	2066 bp
RefSeq ORF:	1224 bp
Locus ID:	150084
UniProt ID:	Q9NSI5
Cytogenetics:	21q22.2
Protein Pathways:	Epithelial cell signaling in Helicobacter pylori infection, Tight junction
MW:	44.4 kDa

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Gene Summary: Provides, together with MAGI1, an adhesion machinery at tight junctions, which may regulate the permeability of kidney glomerulus and small intestinal epithelial cells. Mediates calcium-independent homophilic cell adhesion. In testis, it may function as a cell adhesion molecule rather than a tight-junction protein. It may participate in the adhesion between spermatogonia-spermatogonia, spermatogonia-Sertoli cells, and Sertoli cells-Sertoli cells (By similarity).[UniProtKB/Swiss-Prot Function]