

Product datasheet for **RC216092L2V**

ITK (NM_005546) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ITK (NM_005546) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ITK
Synonyms:	EMT; LPFS1; LYK; PSCTK2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005546
ORF Size:	1860 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216092).
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_005546.3
RefSeq Size:	4366 bp
RefSeq ORF:	1863 bp
Locus ID:	3702
UniProt ID:	Q08881
Cytogenetics:	5q33.3
Domains:	pkinese, SH2, TyrKc, SH3, BTK, PH, S_TKc
Protein Families:	Druggable Genome, Protein Kinase



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Protein Pathways: Chemokine signaling pathway, Leukocyte transendothelial migration, T cell receptor signaling pathway

MW: 71.7 kDa

Gene Summary: This gene encodes an intracellular tyrosine kinase expressed in T-cells. The protein contains both SH2 and SH3 domains which are often found in intracellular kinases. It is thought to play a role in T-cell proliferation and differentiation. [provided by RefSeq, Jul 2008]