Product datasheet for RR210580L3V

Hck (NM_013185) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hck (NM_013185) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Hck
Synonyms:	Hctk; p56Hck; p59Hck
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013185
ORF Size:	1572 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR210580).
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_013185.3, NP_037317.2
RefSeq Size:	2081 bp
RefSeq ORF:	1575 bp
Locus ID:	25734
UniProt ID:	P50545
Cytogenetics:	3q41

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Gene Summary:

The protein encoded by this gene is a protein-tyrosine kinase that is predominantly expressed in hemopoietic cell types.The encoded protein may help couple the Fc receptor to the activation of the respiratory burst. In addition, it may play a role in neutrophil migration and in the degranulation of neutrophils. Alternate translation initiation site usage, including a non-AUG (CUG) codon, results in the production of two different isoforms in human and mouse. Based on strong sequence conservation amongst these species, this may also be true for rat. [provided by RefSeq, Jul 2008]