

Product datasheet for **RC206013L4V**

SAMHD1 (NM_015474) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SAMHD1 (NM_015474) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SAMHD1
Synonyms:	CHBL2; DCIP; HDDC1; hSAMHD1; MOP-5; SBBI88
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015474
ORF Size:	1878 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206013).
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_015474.2
RefSeq Size:	3189 bp
RefSeq ORF:	1881 bp
Locus ID:	25939
UniProt ID:	Q9Y3Z3
Cytogenetics:	20q11.23
Domains:	SAM, HD
MW:	72.3 kDa



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Gene Summary:

This gene may play a role in regulation of the innate immune response. The encoded protein is upregulated in response to viral infection and may be involved in mediation of tumor necrosis factor-alpha proinflammatory responses. Mutations in this gene have been associated with Aicardi-Goutieres syndrome. [provided by RefSeq, Mar 2010]