

## Product datasheet for **RC216540L2V**

### HGSNAT (NM\_152419) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HGSNAT (NM_152419) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HGSNAT
Synonyms:	HGNAT; MPS3C; RP73; TMEM76
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_152419
ORF Size:	1905 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216540).
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. <a href="#">More info</a>
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:	<a href="#">NM_152419.2</a>
RefSeq Size:	5228 bp
RefSeq ORF:	1908 bp
Locus ID:	138050
UniProt ID:	<a href="#">Q68CP4</a>
Cytogenetics:	8p11.21-p11.1
Protein Families:	Transmembrane
Protein Pathways:	Glycosaminoglycan degradation, Lysosome, Metabolic pathways



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**MW:** 70.3 kDa

**Gene Summary:** This gene encodes a lysosomal acetyltransferase, which is one of several enzymes involved in the lysosomal degradation of heparin sulfate. Mutations in this gene are associated with Sanfilippo syndrome C, one type of the lysosomal storage disease mucopolysaccharidosis III, which results from impaired degradation of heparan sulfate. [provided by RefSeq, Jan 2009]