

Product datasheet for **RC220252L4V**

ITIH3 (NM_002217) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ITIH3 (NM_002217) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ITIH3
Synonyms:	H3P; ITI-HC3; SHAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002217
ORF Size:	2670 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220252).
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_002217.2 , NP_002208.3
RefSeq Size:	3037 bp
RefSeq ORF:	2673 bp
Locus ID:	3699
UniProt ID:	Q06033
Cytogenetics:	3p21.1
Domains:	VWA, VIT
MW:	99.8 kDa



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Gene Summary:

This gene encodes the heavy chain subunit of the pre-alpha-trypsin inhibitor complex. This complex may stabilize the extracellular matrix through its ability to bind hyaluronic acid. Polymorphisms of this gene may be associated with increased risk for schizophrenia and major depressive disorder. This gene is present in an inter-alpha-trypsin inhibitor family gene cluster on chromosome 3. [provided by RefSeq, Jul 2015]