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Product datasheet for MR220169L3V

Itih1 (NM_008406) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Itih1 (NM_008406) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Itih1
Synonyms:	In; Intin1; ITI-HC1; Itih; Itih-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008406
ORF Size:	2721 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR220169).`
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_008406.3, NP_032432.2
RefSeq Size:	3077 bp
RefSeq ORF:	2724 bp
Locus ID:	16424
UniProt ID:	Q61702
Cytogenetics:	14 B

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Gene Summary: This gene encodes a heavy chain of inter-alpha trypsin inhibitor (IaI) family of plasma serine protease inhibitors. IaI proteins are protein-glycosaminoglycan-protein complexes comprised of two heavy chains and a light chain. The encoded protein covalently associates with the light chain via a chondroitin sulfate moiety. Intravenous administration of the encoded protein improved survival of mice after infection with Escherichia coli. This gene is located adjacent to two other IaI heavy chain genes. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing to generate mature protein. [provided by RefSeq, Oct 2015]