

Product datasheet for **RC207810L3V**

HTRA3 (NM_053044) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HTRA3 (NM_053044) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HTRA3
Synonyms:	Prsp; Tasp
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_053044
ORF Size:	1359 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207810).
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_053044.2
RefSeq Size:	2585 bp
RefSeq ORF:	1362 bp
Locus ID:	94031
UniProt ID:	P83110
Cytogenetics:	4p16.1
Domains:	IB, Tryp_SPc, PDZ, kazal
Protein Families:	Druggable Genome, Protease, Secreted Protein


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MW: 48.4 kDa

Gene Summary: Serine protease that cleaves beta-casein/CSN2 as well as several extracellular matrix (ECM) proteoglycans such as decorin/DCN, biglycan/BGN and fibronectin/FN1. Inhibits signaling mediated by TGF-beta family proteins possibly indirectly by degradation of these ECM proteoglycans (By similarity). May act as a tumor suppressor. Negatively regulates, in vitro, trophoblast invasion during placental development and may be involved in the development of the placenta in vivo. May also have a role in ovarian development, granulosa cell differentiation and luteinization (PubMed:21321049, PubMed:22229724).[UniProtKB/Swiss-Prot Function]