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Product datasheet for RC225426L4V

Trypsin (PRSS3) (NM_007343) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Trypsin (PRSS3) (NM_007343) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Trypsin
Synonyms:	MTG; PRSS4; T9; TRY3; TRY4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007343
ORF Size:	912 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC225426).`
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_007343.2
RefSeq ORF:	420 bp
Locus ID:	5646
UniProt ID:	P35030
Cytogenetics:	9p13.3
Protein Families:	Druggable Genome, Protease, Secreted Protein
Protein Pathways:	Neuroactive ligand-receptor interaction
MW:	32.3 kDa

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Gene Summary: This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is expressed in the brain and pancreas and is resistant to common trypsin inhibitors. It is active on peptide linkages involving the carboxyl group of lysine or arginine. This gene is localized to the locus of T cell receptor beta variable orphans on chromosome 9. Four transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2010]