Product datasheet for RC220938L4V

ENTPD8 (NM_198585) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ENTPD8 (NM_198585) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ENTPD8
Synonyms:	E-NTPDase; GLSR2492; NTPDase-8; UNQ2492
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198585
ORF Size:	1374 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220938).
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_198585.1
RefSeq Size:	2126 bp
RefSeq ORF:	1377 bp
Locus ID:	377841
UniProt ID:	Q5MY95
Cytogenetics:	9q34.3
Protein Families:	Transmembrane
Protein Pathways:	Purine metabolism, Pyrimidine metabolism

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MW:	49.2 kDa

Gene Summary: Canalicular ectonucleoside NTPDase responsible for the main hepatic NTPDase activity. Ectonucleoside NTPDases catalyze the hydrolysis of gamma- and beta-phosphate residues of nucleotides, playing a central role in concentration of extracellular nucleotides. Has activity toward ATP, ADP, UTP and UDP, but not toward AMP.[UniProtKB/Swiss-Prot Function]