

Product datasheet for **RC203494L4V**

UAP1 (NM_003115) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	UAP1 (NM_003115) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UAP1
Synonyms:	AGX; AGX1; AGX2; SPAG2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003115
ORF Size:	1515 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203494).
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_003115.3 , NP_003106.2
RefSeq Size:	2344 bp
RefSeq ORF:	1518 bp
Locus ID:	6675
UniProt ID:	Q16222
Cytogenetics:	1q23.3
Domains:	UDPGP
Protein Pathways:	Amino sugar and nucleotide sugar metabolism, Metabolic pathways



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MW: 57.1 kDa

Gene Summary: Converts UTP and GlcNAc-1-P into UDP-GlcNAc, and UTP and GalNAc-1-P into UDP-GalNAc. Isoform AGX1 has 2 to 3 times higher activity towards GalNAc-1-P, while isoform AGX2 has 8 times more activity towards GlcNAc-1-P.[UniProtKB/Swiss-Prot Function]