

Product datasheet for **RC210679L3V**

FAM120A (NM_014612) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FAM120A (NM_014612) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FAM120A
Synonyms:	C9orf10; HBVPTAP; OSSA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014612
ORF Size:	3354 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210679).
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_014612.3
RefSeq Size:	5164 bp
RefSeq ORF:	3357 bp
Locus ID:	23196
UniProt ID:	Q9NZB2
Cytogenetics:	9q22.31
MW:	121.9 kDa


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Gene Summary:

May participate in mRNA transport in the cytoplasm (By similarity). Critical component of the oxidative stress-induced survival signaling. Activates src family kinases and acts as a scaffolding protein enabling src family kinases to phosphorylate and activate PI3-kinase. Binds RNA and promotes the secretion of IGF-II. May play a pivotal role in the progression of scirrhou-type gastric cancer by supporting cancer cell survival in environments with various oxidative stresses.[UniProtKB/Swiss-Prot Function]