

Product datasheet for **RC204692L2V**

Fibroblast activation protein, alpha (FAP) (NM_004460) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fibroblast activation protein, alpha (FAP) (NM_004460) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Fibroblast activation protein, alpha
Synonyms:	DPPIV; FAPA; FAPalpha; SIMP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004460
ORF Size:	2280 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204692).
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_004460.2
RefSeq Size:	2815 bp
RefSeq ORF:	2283 bp
Locus ID:	2191
UniProt ID:	Q12884
Cytogenetics:	2q24.2
Domains:	Peptidase_S9, DPPIV_N_term



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Protein Families: Druggable Genome, Protease, Transmembrane

MW: 87.7 kDa

Gene Summary: The protein encoded by this gene is a homodimeric integral membrane gelatinase belonging to the serine protease family. It is selectively expressed in reactive stromal fibroblasts of epithelial cancers, granulation tissue of healing wounds, and malignant cells of bone and soft tissue sarcomas. This protein is thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions during development, tissue repair, and epithelial carcinogenesis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2014]