

Product datasheet for **MR227549L4V**

Fgf2 (NM_008006) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fgf2 (NM_008006) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fgf2
Synonyms:	bFGF; Fgf-2; Fgfb
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008006
ORF Size:	462 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227549).
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_008006.2 , NP_032032.1
RefSeq Size:	695 bp
RefSeq ORF:	465 bp
Locus ID:	14173
UniProt ID:	P15655
Cytogenetics:	3 18.41 cM



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Gene Summary:

Acts as a ligand for FGFR1, FGFR2, FGFR3 and FGFR4. Also acts as an integrin ligand which is required for FGF2 signaling. Binds to integrin ITGAV:ITGB3. Plays an important role in the regulation of cell survival, cell division, cell differentiation and cell migration. Functions as a potent mitogen in vitro. Can induce angiogenesis.[UniProtKB/Swiss-Prot Function]