

Product datasheet for **MR206230L4V**

Gfra3 (NM_010280) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gfra3 (NM_010280) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gfra3
Synonyms:	GFRa; GFRalpha3; Y15110
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010280
ORF Size:	1194 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206230).
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_010280.3 , NP_034410.3
RefSeq Size:	1992 bp
RefSeq ORF:	1194 bp
Locus ID:	14587
UniProt ID:	O35118
Cytogenetics:	18 B1



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Gene Summary:

This gene encodes a cell surface glycoprotein and member of the glial cell line-derived neurotrophic receptor (GDNFR) family of proteins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein mediates binding of the ligand artemin to the ret receptor tyrosine kinase, and this interaction may regulate thermal pain and axon regeneration. Homozygous knockout mice for this gene exhibit impaired proliferation of cultured neuroblasts and impaired development of the superior cervical ganglion. [provided by RefSeq, Aug 2015]