

Product datasheet for MR225280L4

Gfra2 (NM_008115) Mouse Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gfra2 (NM_008115) Mouse Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Gfra2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225280).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF.



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RefSeq ORF: 1395 bp

Locus ID: 14586

UniProt ID: [O08842](#)

Cytogenetics: 14 D2

Gene Summary: The protein encoded by this gene is part of the receptor complex that transduces glial cell-derived neurotrophic factor and neurturin signals by mediating autophosphorylation and activation of the RET receptor. Mice lacking this protein are viable and fertile but display growth retardation attributed to impaired salivary and pancreatic secretion and innervation deficits in the intestinal tract. In addition, knockout mice display neural defects including a failure to initiate outgrowth of dorsal ganglion root neurons, demonstrating a requirement in neuronal differentiation of these cells. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014]