

Product datasheet for **RC207777L1V**

Intrinsic Factor (GIF) (NM_005142) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Intrinsic Factor (GIF) (NM_005142) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Intrinsic Factor
Synonyms:	GIF; IF; IFMH; INF; TCN3
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005142
ORF Size:	1251 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207777).
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_005142.2
RefSeq Size:	1536 bp
RefSeq ORF:	1254 bp
Locus ID:	2694
UniProt ID:	P27352
Cytogenetics:	11q12.1
Protein Families:	Secreted Protein
MW:	45.4 kDa


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Gene Summary:

This gene is a member of the cobalamin transport protein family. It encodes a glycoprotein secreted by parietal cells of the gastric mucosa and is required for adequate absorption of vitamin B12. Vitamin B12 is necessary for erythrocyte maturation and mutations in this gene may lead to congenital pernicious anemia. [provided by RefSeq, Jul 2008]