

Product datasheet for RC219459L4

G CSF (CSF3) (NM_172219) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	G CSF (CSF3) (NM_172219) Human Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	G CSF
Synonyms:	C17orf33; CSF3OS; GCSF
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(RC219459).
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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Locus ID:	1440
UniProt ID:	P09919
Cytogenetics:	17q21.1
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein
Protein Pathways:	Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Jak-STAT signaling pathway
MW:	18.6 kDa
Gene Summary:	<p>This gene encodes a member of the IL-6 superfamily of cytokines. The encoded cytokine controls the production, differentiation, and function of granulocytes. Granulocytes are a type of white blood cell that are part of the innate immune response. A modified form of this protein is commonly administered to manage chemotherapy-induced neutropenia. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, May 2020]</p>