

Product datasheet for **RC203296L2V**

Ferritin Light Chain (FTL) (NM_000146) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ferritin Light Chain (FTL) (NM_000146) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Ferritin Light Chain
Synonyms:	LFTD; NBIA3
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_000146
ORF Size:	525 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203296).
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_000146.3
RefSeq Size:	889 bp
RefSeq ORF:	528 bp
Locus ID:	2512
UniProt ID:	P02792
Cytogenetics:	19q13.33
Domains:	ferritin
Protein Families:	Druggable Genome

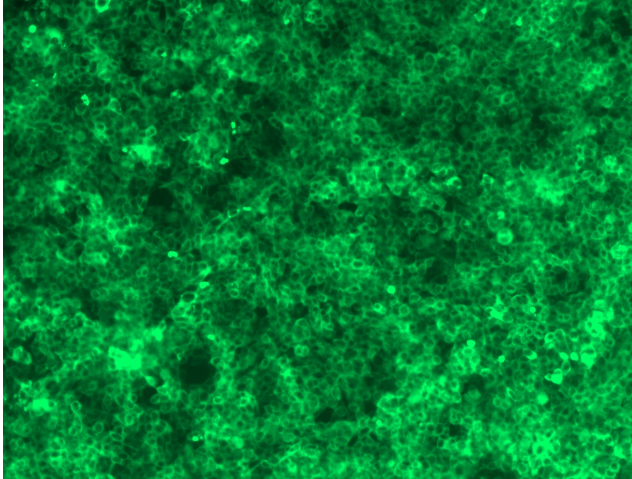


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MW: 20 kDa

Gene Summary: This gene encodes the light subunit of the ferritin protein. Ferritin is the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and release in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. This gene has multiple pseudogenes. [provided by RefSeq, Jul 2008]

Product images:



[RC203296L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC203296L2V particle to overexpress human FTL-mGFP fusion protein.