

## Product datasheet for **RC223852L2V**

### **BTN1A1 (NM\_001732) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	BTN1A1 (NM_001732) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BTN1A1
Synonyms:	BT; BTN; BTN1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001732
ORF Size:	1578 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223852).
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. <a href="#">More info</a>
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:	<a href="#">NM_001732.1</a> , <a href="#">NP_001723.1</a>
RefSeq Size:	2901 bp
RefSeq ORF:	1581 bp
Locus ID:	696
UniProt ID:	<a href="#">Q13410</a>
Cytogenetics:	6p22.2
Protein Families:	Druggable Genome, Transmembrane
MW:	58.8 kDa



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**Gene Summary:**

Butyrophilin is the major protein associated with fat droplets in the milk. It is a member of the immunoglobulin superfamily. It may have a cell surface receptor function. The human butyrophilin gene is localized in the major histocompatibility complex (MHC) class I region of 6p and may have arisen relatively recently in evolution by the shuffling of exons between 2 ancestral gene families [provided by RefSeq, Jul 2008]