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Product datasheet for RC204232L4V

BTN2A2 (NM_006995) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	BTN2A2 (NM_006995) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BTN2A2
Synonyms:	BT2.2; BTF2; BTN2.2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006995
ORF Size:	1569 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC204232).`
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_006995.3
RefSeq Size:	3602 bp
RefSeq ORF:	1572 bp
Locus ID:	10385
UniProt ID:	Q8WVV5
Cytogenetics:	6p22.2
Domains:	IGv, IG, SPRY, PRY
Protein Families:	Druggable Genome, Transmembrane

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MW: 59.1 kDa

Gene Summary: Butyrophilin is the major protein associated with fat droplets in the milk. This gene is a member of the BTN2 subfamily of genes, which encode proteins belonging to the butyrophilin protein family. The gene is located in a cluster on chromosome 6, consisting of seven genes belonging to the expanding B7/butyrophilin-like group, a subset of the immunoglobulin gene superfamily. The encoded protein is a type I receptor glycoprotein involved in lipid, fatty-acid and sterol metabolism. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2010]