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Product datasheet for MR224514L3V

Bloc1s6 (NM_019788) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Bloc1s6 (NM_019788) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Bloc1s6
Synonyms:	BLOC-1; pa; Pldn; Stx13bp1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_019788
ORF Size:	516 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR224514).`
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_019788.3, NP_062762.1
RefSeq Size:	3494 bp
RefSeq ORF:	519 bp
Locus ID:	18457
UniProt ID:	Q9R0C0
Cytogenetics:	2 60.66 cM

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Gene Summary: Component of the BLOC-1 complex, a complex that is required for normal biogenesis of lysosome-related organelles (LRO), such as platelet dense granules and melanosomes. In concert with the AP-3 complex, the BLOC-1 complex is required to target membrane protein cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals. The BLOC-1 complex, in association with SNARE proteins, is also proposed to be involved in neurite extension. May play a role in intracellular vesicle trafficking, particularly in the vesicle-docking and fusion process.[UniProtKB/Swiss-Prot Function]