

Product datasheet for **MR203529L4V**

Itm2b (NM_008410) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Itm2b (NM_008410) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Itm2b
Synonyms:	AI256040; Bri; Bri2; Bricd2b; D14Sel6; E25BMM; imBRI2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008410
ORF Size:	801 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203529).
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_008410.2 , NP_032436.1
RefSeq Size:	1773 bp
RefSeq ORF:	801 bp
Locus ID:	16432
UniProt ID:	O89051
Cytogenetics:	14 38.88 cM



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Gene Summary:

Plays a regulatory role in the processing of the amyloid-beta A4 precursor protein (APP) and acts as an inhibitor of the amyloid-beta peptide aggregation and fibrils deposition. Plays a role in the induction of neurite outgrowth. Functions as a protease inhibitor by blocking access of secretases to APP cleavage sites (By similarity).[UniProtKB/Swiss-Prot Function]