Product datasheet for RC206916L4V

Bax inhibitor 1 (TMBIM6) (NM_003217) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Bax inhibitor 1 (TMBIM6) (NM_003217) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Bax inhibitor 1
Synonyms:	BAXI1; BI-1; TEGT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003217
ORF Size:	711 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206916).
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_003217.1
RefSeq Size:	2600 bp
RefSeq ORF:	714 bp
Locus ID:	7009
UniProt ID:	P55061
Cytogenetics:	12q13.12
Domains:	UPF0005
Protein Families:	Druggable Genome, Transmembrane

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MW: 26.4 kDa

Gene Summary: Suppressor of apoptosis (PubMed:21075086). Modulates unfolded protein response signaling (PubMed:21075086). Modulates ER calcium homeostasis by acting as a calcium-leak channel (PubMed:22128171). Negatively regulates autophagy and autophagosome formation, especially during periods of nutrient deprivation, and reduces cell survival during starvation (By similarity).[UniProtKB/Swiss-Prot Function]