

Product datasheet for **RR204065L4V**

Capza1 (NM_001109625) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Capza1 (NM_001109625) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Capza1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001109625
ORF Size:	858 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR204065).
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_001109625.2 , NP_001103095.2
RefSeq Size:	3256 bp
RefSeq ORF:	861 bp
Locus ID:	691149
UniProt ID:	B2GUZ5
Cytogenetics:	2q34



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Gene Summary:

F-actin-capping proteins bind in a Ca²⁺-independent manner to the fast growing ends of actin filaments (barbed end) thereby blocking the exchange of subunits at these ends. Unlike other capping proteins (such as gelsolin and severin), these proteins do not sever actin filaments. May play a role in the formation of epithelial cell junctions.[UniProtKB/Swiss-Prot Function]