

## Product datasheet for **MR204175L4V**

### Capza3 (NM\_007605) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Capza3 (NM_007605) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Capza3
Synonyms:	510-4; Cappa3; Gsg3; repro32; Tex8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007605
ORF Size:	897 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204175).
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. <a href="#">More info</a>
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:	<a href="#">NM_007605.4</a>
RefSeq Size:	1265 bp
RefSeq ORF:	900 bp
Locus ID:	12344
UniProt ID:	<a href="#">P70190</a>
Cytogenetics:	6 69.77 cM



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**Gene Summary:**

F-actin-capping proteins bind in a Ca(2+)-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 morphogenesis of spermatid.[UniProtKB/Swiss-Prot Function]