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Product datasheet for MR225532L4V

Crbn (NM_021449) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Crbn (NM_021449) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Crbn
Synonyms:	2610203G15Rik; 2900045O07Rik; AF229032; AW108261; piL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021449
ORF Size:	1332 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225532).
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_021449.2, NP_067424.2
RefSeq Size:	4051 bp
RefSeq ORF:	1335 bp
Locus ID:	58799
UniProt ID:	Q8C7D2
Cytogenetics:	6 E1

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Gene Summary: This gene encodes a protein with a Lon protease domain, a "regulators of G protein-signaling" (RGS)-like domain and a leucine zipper. It has been proposed to regulate the assembly and surface expression of large-conductance calcium-activated potassium channels in brain and to bind thalidomide. In humans mutation in this gene causes autosomal recessive nonsyndromic cognitive disability. In mouse deficiency of this gene serves as a model to study the molecular mechanisms governing learning and memory as they relate to intellectual disability. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jan 2013]