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Product datasheet for RC209911L4V

LRRC25 (NM_145256) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LRRC25 (NM_145256) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LRRC25
Synonyms:	MAPA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145256
ORF Size:	915 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209911).
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_145256.2, NP_660299.2
RefSeq Size:	2430 bp
RefSeq ORF:	918 bp
Locus ID:	126364
UniProt ID:	Q8N386
Cytogenetics:	19p13.11
Domains:	LRR
Protein Families:	Transmembrane

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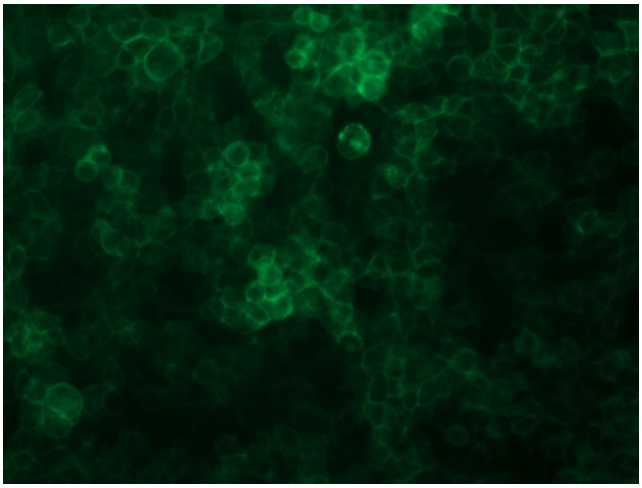
MW: 33.2 kDa

Gene Summary: Plays a role in the inhibition of RLR-mediated type I interferon signaling pathway by targeting DDX58/RIG-I for autophagic degradation. Interacts specifically with ISG15-associated DDX58 to promote interaction between DDX58 and the autophagic cargo receptor p62/SQSTM1 to mediate DDX58 degradation via selective autophagy (PubMed:29288164). Plays also a role in the inhibition of NF-kappa-B signaling pathway and inflammatory response by promoting the degradation of p65/RELA.[UniProtKB/Swiss-Prot Function]

Product images:



[RC209911L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC209911L4V particle to overexpress human LRRC25-mGFP fusion protein.