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Product datasheet for RC224490L4V

RNF70 (PJA1) (NM_145119) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RNF70 (PJA1) (NM_145119) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RNF70
Synonyms:	PRAJA1; RNF70
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145119
ORF Size:	1929 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC224490).`
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_145119.1
RefSeq Size:	2700 bp
RefSeq ORF:	1932 bp
Locus ID:	64219
UniProt ID:	Q8NG27
Cytogenetics:	Xq13.1
Protein Families:	Druggable Genome
MW:	70.8 kDa

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Gene Summary: This gene encodes an enzyme that has E2-dependent E3 ubiquitin-protein ligase activity. This enzyme belongs to a class of ubiquitin ligases that include a RING finger motif, and it can interact with the E2 ubiquitin-conjugating enzyme UbcH5B. This gene is located in an area of chromosome X where several X-linked cognitive disability disorders have been associated, and it has also been found as part of a contiguous gene deletion associated with craniofrontonasal syndrome, though a direct link to any disorder has yet to be demonstrated. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]