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Product datasheet for RC224168L3V

RNF170 (NM_030954) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RNF170 (NM_030954) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RNF170
Synonyms:	ADSA; SNAX1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_030954
ORF Size:	774 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC224168).`
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_030954.2, NP_112216.2
RefSeq Size:	1851 bp
RefSeq ORF:	777 bp
Locus ID:	81790
UniProt ID:	Q96K19
Cytogenetics:	8p11.21
Domains:	RING
Protein Families:	Druggable Genome, Transmembrane

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MW: 29.6 kDa

Gene Summary: This gene encodes a RING domain-containing protein that resides in the endoplasmic reticulum (ER) membrane. This protein functions as an E3 ubiquitin ligase and mediates ubiquitination and processing of inositol 1,4,5-trisphosphate (IP3) receptors via the ER-associated protein degradation pathway. It is recruited to the activated IP3 receptors by the ERLIN1/ERLIN2 complex to which it is constitutively bound. Mutations in this gene are associated with autosomal dominant sensory ataxia. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2012]