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Product datasheet for RC210620L3V

Strumpellin (WASHC5) (NM_014846) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Strumpellin (WASHC5) (NM_014846) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Strumpellin
Synonyms:	KIAA0196; RTSC; RTSC1; SPG8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014846
ORF Size:	3477 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210620).
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_014846.3
RefSeq Size:	4173 bp
RefSeq ORF:	3480 bp
Locus ID:	9897
UniProt ID:	Q12768
Cytogenetics:	8q24.13
MW:	134.1 kDa

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Gene Summary: This gene encodes a 134 kDa protein named strumpellin that is predicted to have multiple transmembrane domains and a spectrin-repeat-containing domain. This ubiquitously expressed gene has its highest expression in skeletal muscle. The protein is named for Strumpell disease; a form of hereditary spastic paraplegia (HSP). Spastic paraplegias are a diverse group of disorders in which the autosomal dominant forms are characterized by progressive, lower extremity spasticity caused by axonal degeneration in the terminal portions of the longest descending and ascending corticospinal tracts. More than 30 loci (SPG1-33) have been implicated in hereditary spastic paraplegia diseases. [provided by RefSeq, Aug 2009]