

Product datasheet for **RC212577L4V**

Espin (ESPN) (NM_031475) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Espin (ESPN) (NM_031475) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Espin
Synonyms:	DFNB36; LP2654; USH1M
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_031475
ORF Size:	2562 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212577).
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_031475.1
RefSeq Size:	3542 bp
RefSeq ORF:	2565 bp
Locus ID:	83715
UniProt ID:	B1AK53
Cytogenetics:	1p36.31
MW:	91.6 kDa


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Gene Summary:

This gene encodes a multifunctional actin-bundling protein. It plays a major role in regulating the organization, dimensions, dynamics, and signaling capacities of the actin filament-rich, microvillus-type specializations that mediate sensory transduction in various mechanosensory and chemosensory cells. Mutations in this gene are associated with autosomal recessive neurosensory deafness, and autosomal dominant sensorineural deafness without vestibular involvement. [provided by RefSeq, Nov 2009]