

Product datasheet for **RC222482L3V**

STRC (NM_153700) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	STRC (NM_153700) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STRC
Synonyms:	DFNB16
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_153700
ORF Size:	5325 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222482).
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_153700.2 , NP_714544.1
RefSeq Size:	5515 bp
RefSeq ORF:	5328 bp
Locus ID:	161497
UniProt ID:	Q7RTU9
Cytogenetics:	15q15.3
Protein Families:	Transmembrane
MW:	192.8 kDa



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Gene Summary:

This gene encodes a protein that is associated with the hair bundle of the sensory hair cells in the inner ear. The hair bundle is composed of stiff microvilli called stereocilia and is involved with mechanoreception of sound waves. This gene is part of a tandem duplication on chromosome 15; the second copy is a pseudogene. Mutations in this gene cause autosomal recessive non-syndromic deafness. [provided by RefSeq, Jul 2008]