

Product datasheet for RC206037L3V

OriGene Technologies, Inc.

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ST5 (DENND2B) (NM 213618) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: ST5 (DENND2B) (NM_213618) Human Tagged ORF Clone Lentiviral Particle

Symbol: DENND2B

Synonyms: HTS1; p126; ST5

Mammalian Cell

Selection:

Puromycin

Vector:

pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK

ACCN: NM_213618

ORF Size: 3411 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC206037).

Sequence:

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.

RefSeg: NM 213618.1, NP 998783.1

RefSeq Size: 4371 bp RefSeq ORF: 3414 bp

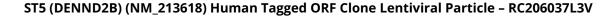
Locus ID: 6764

UniProt ID: P78524

Cytogenetics: 11p15.4

MW: 126.4 kDa







Gene Summary:

This gene was identified by its ability to suppress the tumorigenicity of Hela cells in nude mice. The protein encoded by this gene contains a C-terminal region that shares similarity with the Rab 3 family of small GTP binding proteins. This protein preferentially binds to the SH3 domain of c-Abl kinase, and acts as a regulator of MAPK1/ERK2 kinase, which may contribute to its ability to reduce the tumorigenic phenotype in cells. Three alternatively spliced transcript variants of this gene encoding distinct isoforms are identified. [provided by RefSeq, Jul 2008]