

## Product datasheet for **RC207967L4V**

### **N WASP (WASL) (NM\_003941) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	N WASP (WASL) (NM_003941) Human Tagged ORF Clone Lentiviral Particle
Symbol:	N WASP
Synonyms:	N-WASP; NWASP; WASPB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003941
ORF Size:	1515 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207967).
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. <a href="#">More info</a>
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:	<a href="#">NM_003941.2</a>
RefSeq Size:	4447 bp
RefSeq ORF:	1518 bp
Locus ID:	8976
UniProt ID:	<a href="#">O00401</a>
Cytogenetics:	7q31.32
Domains:	PBD, WH1, WH2
Protein Families:	Druggable Genome



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**Protein Pathways:** Adherens junction, Chemokine signaling pathway, Fc gamma R-mediated phagocytosis, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton

**MW:** 54.8 kDa

**Gene Summary:** This gene encodes a member of the Wiskott-Aldrich syndrome (WAS) protein family. Wiskott-Aldrich syndrome proteins share similar domain structure, and associate with a variety of signaling molecules to alter the actin cytoskeleton. The encoded protein is highly expressed in neural tissues, and interacts with several proteins involved in cytoskeletal organization, including cell division control protein 42 (CDC42) and the actin-related protein-2/3 (ARP2/3) complex. The encoded protein may be involved in the formation of long actin microspikes, and in neurite extension. [provided by RefSeq, Jul 2013]