

## Product datasheet for TP307967L

### N WASP (WASL) (NM\_003941) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human Wiskott-Aldrich syndrome-like (WASL), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC207967 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSSVQQQPPPPRRVTNVGSLLLTPQENESLFTFLGKKCVTMSSAVVQLYAADRNCMWSKKCSGVAACLVKD NPQRSYFLRIFDIKDGKLLWEQELYNNFVYNSPRGYFHTFAGDTCQVALNFANEEEAkkFRKAVTDLLGR RQRKSEKRRDPPNGPNLPMATVDIKNPEITTRFYGPQVNNISHTKEKKKGKAKKKRLTKADIGTPSNFQ HIGHVGDWPNTGFDLNNLDPELKNLFDMCGISEAQLKDRETSKVIYDFIEKTGGVEAVKNELRRQAPPPP PPSRGGPPPPPPPHNSGPPPPPARGRGAPPPPSRAPTAAPPPPPSRPSVAVPPPPPNRMYP PPPPAL PSSAPSGPPPPPSVLGVGPVAPPPPPPPPPGPPPPGLPSGDHQVPTTAGNKAALLDQIREGAQLK KVEQNSRPVSCSGRDALLDQIRQGIQLKSVADGQESTPPTAPTSGIVGALMEVMQKRSKAIHSSDEDED EDDEEDFEDDDEWED
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	54.6 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_003932](#)

Locus ID: 8976

UniProt ID: [O00401](#)

RefSeq Size: 4447

Cytogenetics: 7q31.32

RefSeq ORF: 1515

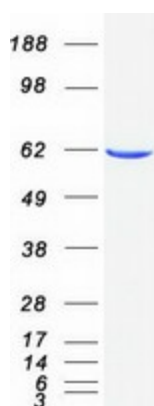
Synonyms: N-WASP; NWASP; WASPB

**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]

**Protein Families:** Druggable Genome

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

### Product images:



Coomassie blue staining of purified WASL protein (Cat# [TP307967]). The protein was produced from HEK293T cells transfected with WASL cDNA clone (Cat# [RC207967]) using MegaTran 2.0 (Cat# [TT210002]).