

Product datasheet for **TP307967M**

N WASP (WASL) (NM_003941) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human Wiskott-Aldrich syndrome-like (WASL), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC207967 protein sequence
Red=Cloning site **Green**=Tags(s)

MSSVQQQPPPPRRVTNVGSLLLTPQENESLFTFLGKKCVTMSSAVVQLYAADRNCMWSKKCSGVAACLVKD
NPQRSYFLRIFDIKDGKLLWEQELYNNFVYNSPRGYFHTFAGDTCQVALNFANEEEEAKKFRKAVTDLLGR
RQRKSEKRRDPPNGPNLPMATVDIKNPEITTNRFYGPQVNNISHTKEKKKGKAKKKRLTKADIGTPSNFQ
HIGHVGWDPNTGFDLNNLDPELKNLFDMCGISEAQLKDRETSKVIYDFIEKTGGVEAVKNELRRQAPPPP
PPSRGGPPPPPPPHNSGPPPPPARGRGAPPPPSRAPTAAPPPPPSRPSVAVPPPPPNRMYPPPPPAL
PSSAPSGPPPPPSVLGVGPVAPPPPPPPPPGPPPPGLPSGDHQVPTTAGNKAALLDQIREGAQLK
KVEQNSRPVSCSGRDALLDQIRQGIQLKSVADGQESTPPTAPTSGIVGALMEVMQKRSKAIHSSDEDED
EDDEEDFEDDDEWED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 54.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: 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

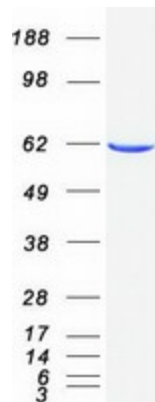
Synonyms: N-WASP; NWASP; WASPB

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]).