

Recombinant Human WASL, GST-tagged

Cat. No. WASL-320H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WASL(1 a.a. - 505 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
Description	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.
Molecular Mass	81.2 kDa
AA Sequence	MSSVQQQPPPPRRVTNVGSLLLTPQENESLFTFLGKKCVTMSSAVVQLYAADRNC MWSKKCSGVACLVKDNPQRS YFLRIFDIKDGKLLWEQELYNNFVYNSPRGYFHTFA GDTCQVALNFANEEEEAKKFRKAVTDLLGRRQRKSEKRRD PPNGPNLPMATVDIKN PEITTNRFYGPQVNNISHTKEKKKGKAKKKRLTKADIGTPSNFQHIGHVGWDPNTGF DL NNLDPELKNLFDMSGISEAQLKDRETSKVIYDFIEKTGGVEAVKNELRRQAPPPP PPSRGGPPPPPPPHNSGPP PPPARGRGAPPPPPSRAPTAAPPPPPPSRPSVAVP PPPPNRMYP PPPPALPSSAPSGPPPPPPSVLGVGPVAPPP PPPPPPPPGPPPPPG

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LPSDGDHQVPTTAGNKAALLDQIREGAQLKKVEQNSRPVSCSGRDALLDQIRQGIQL
KSV ADGQESTPPTPAPTSGIVGALMEVMQKRSKAIHSSDEDEDEDEDEDFEDDDE
WED

Applications ELISA; WB-Re; AP; Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [WASL Wiskott-Aldrich syndrome-like \[Homo sapiens \(human\) \]](#)

Official Symbol WASL

Synonyms WASL; Wiskott-Aldrich syndrome-like; neural Wiskott-Aldrich syndrome protein; N WASP; NWASP; Wiskott-Aldrich syndrome gene-like; N-WASP; MGC48327; DKFZp779G0847;

Gene ID [8976](#)

mRNA Refseq [NM_003941](#)

Protein Refseq [NP_003932](#)

MIM [605056](#)

UniProt ID O00401

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Chromosome Location	7q31.3
Pathway	Adherens junction; CDC42 signaling events; Chemokine signaling pathway
Function	actin binding; protein binding; small GTPase regulator activity

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