

Recombinant Full Length Human WASL Protein, GST-tagged

Cat. No. WASL-547HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human WASL(1 a.a. - 505 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	505 amino acids
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	MSSVQQQPPP PRRVTNVGSL LLTPQENESL FTFLGKKCVT MSSAVVQLYA ADRNCMWSKK CSGVACLVKD NPQRSYFLRI FDIKDGKLLW EQELYNNFVY NSPRGYFHTF AGDTCQVALN FANEEEEAKKF RKA VTDLLGR RQRKSEKRRD PPNGPNLPMA TVDIKNPEIT TNRFYGPQVN NISHTKEKKK GKAKKKRLTK ADIGTPSNFQ HIGHVGWDPN TGFDLNNLDP ELKNLFD MCG ISEAQLKDRE TSKVIYDFIE KTGGVEAVKN ELRRQAPPPP PPSRGGPPPP PPPPHNSGPP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PPPARGRGAP PPPPSRAPTA APPPPPPSRP SVAVPPPPPN RMYPPPPPAL
 PSSAPSGPPP PPPSVLGVGP VAPPPPPPPP PPPGPPPPPG LPDGDHQP
 TTAGNKAALL DQIREGAQLK KVEQNSRPVS CSGRDALLDQ IRQGIQLKSV
 ADGQESTPPT PAPTSGIVGA LMEVMQKRSK AIHSSDEDED EDDEEDFEDD
 DEWED

Applications ELISA; WB-Re; AP; Array

Storage Store at -80 centigrade. 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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