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 FANEEEAKKF RKAVTDLLGR RQRKSEKRRD PPNGPNLPMA TVDIKNPEIT TNRFYGPQVN NISHTKEKKK GKAKKKRLTK ADIGTPSNFQ HIGHVGWDPN TGFDLNNLDP ELKNLFDMCG ISEAQLKDRE TSKVIYDFIE KTGGVEAVKN ELRRQAPPPP PPSRGGPPPP PPPPHNSGPP

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	PPPARGRGAP PPPPSRAPTA APPPPPPSRP SVAVPPPPPN RMYPPPPPAL PSSAPSGPPP PPPSVLGVGP VAPPPPPPPP PPPGPPPPPG LPSDGDHQVP 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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