

Recombinant Human WASL Protein, His tagged

Cat. No. WASL-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WASL Protein (21-270 aa) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	21-270 aa
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	30 kDa
Purity	> 85% by SDS-PAGE
AA Sequence	MLLTPQENESLFTFLGKKCVTMSSAVVQLYAADRNCMWSKKCSGVACLVKDNPQR SYFLRIFDIKDGKLLWEQELYNNFVYNsprgyfhtfagdtCQVALNFANEEEEAKKFR KAVTDLLGRRQRKSEKRRDPPNGPNLPMATVDIKNPEITTNRFYGPQVNNISHTKEK KKGKAKKKRLTKADIGTPSNFQHIGHVGWDPNTGFDLNNLDPELKNLFDMMCGISEA

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QLKDRETSKVIYDFIEKTGGVEAVKNHHHHHHHH

Endotoxin < 1.0 EU/μg by LAL

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Sterile PBS, pH7.4, 10% Glycerol

Concentration 0.7 mg/mL by BCA

GENE INFORMATION

Gene Name WASL WASP like actin nucleation promoting factor [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

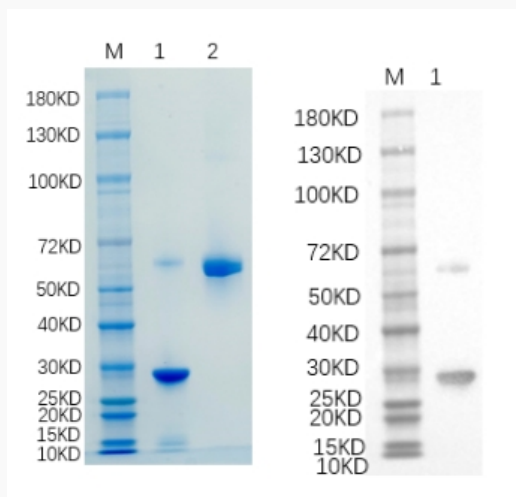
UniProt ID O00401

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SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified WASL. 1. WASL: 1 μ g 2. BSA: 1 μ g