

Recombinant Human WASL, MYC/DDK-tagged

Cat. No. WASL-321H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human WASL, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	54.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	> 50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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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
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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