

Recombinant Human WAS protein family, member 1 Protein, His-tagged

Cat. No. WASF1-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WAS protein family, member 1 Protein (1-250 aa) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-250 aa
Description	The protein encoded by this gene, a member of the Wiskott-Aldrich syndrome protein (WASP)-family, plays a critical role downstream of Rac, a Rho-family small GTPase, in regulating the actin cytoskeleton required for membrane ruffling. It has been shown to associate with an actin nucleation core Arp2/3 complex while enhancing actin polymerization in vitro. Wiskott-Aldrich syndrome is a disease of the immune system, likely due to defects in regulation of actin cytoskeleton. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.
Tag	His
Molecular Mass	30 kDa
AA Sequence	MPLVKRNIDPRHLCHTALPRGIKNELECVTNISLANIIRQLSSL SKYAEDIFGELFNEAH SFSFRVNSLQERVDRLSVSVTQLDPKEEELSLQDITMRKA FR SSIQDQQLFDRKTL PIPLQETYDVCEQPPLNILTPYRDDGKEGLKFYTNPSYFFDLWKEKMLQDTE DKRK

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	EKRKQKQKNLDRPHEPEKVPRAPHDRRREWQKLAQGPELAEDDANLLHKHIEVAN GPASHFETRPPQTYVDHMDGSYHHHHHHHH
Endotoxin	< 1 EU/μg by LAL
Purity	> 90% by SDS-PAGE
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, 0.5% SKL
Concentration	1 mg/mL by BCA

GENE INFORMATION

Gene Name	WASF1 WAS protein family, member 1 [Homo sapiens (human)]
Official Symbol	WASF1
Synonyms	WASF1; WAS protein family, member 1; wiskott-Aldrich syndrome protein family member 1; KIAA0269; SCAR1; WAVE; WAVE1; protein WAVE-1; WASP family protein member 1; homology of dictyostelium scar 1; verprolin homology domain-containing protein 1; FLJ31482
Gene ID	8936
mRNA Refseq	NM_001024934
Protein Refseq	NP_001020105

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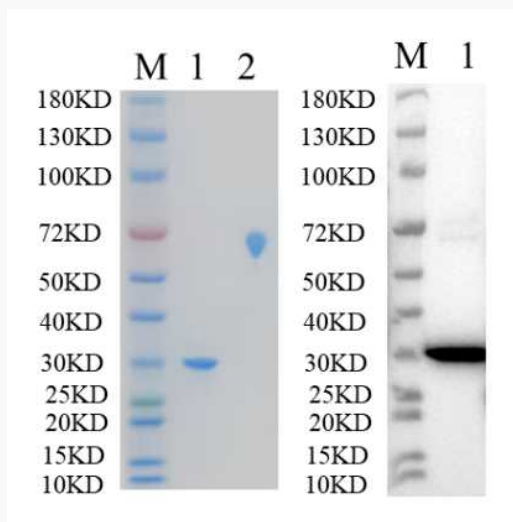
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MIM 605035

UniProt ID Q92558

Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
WASF1.



1. WASF1: 1 µg
2. BSA: 1 µg

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