



Recombinant Mouse Wiskott-Aldrich syndrome protein homolog (Was)

Product Code	CSB-EP025967MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P70315
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	<p>MNSGPGPVGG RPKGRRGPAV QQNIPSNLLQ DHENQRLFEL LGRKCWTLAT TVVQLYLALP PGAEHWTMEH CGAVCFVKDN PQKSYFIRLY GLQAGRLLWE QELYSQLVYL TPTPFHTFA GDDCQVGLNF ADESEAQAFR ALVQEKIQKR NQRQSGERRQ LPPPPAPINE ERRGGLPPVP PHPGGDHGGP SGGPLSLGLV TVDIQNPDI SSRYRGLPAP GPGPTDKKRS GKKKISKADI GAPSGFKHVS HVGWDPQNGF DVNNLDPDLR SLFSRAGISE AQLTDAETSK LIYDFIEDQG GLEAVRQEMR RQEPLPPPPP PCRGGGGGGGG GGGGGGGGGG GQPLRPPVVG SNKGRSGPLP PVPMGGAPPP PTPRGPPPPG RGGPPPPPPP ATGRSGPPPP PLPGAGGPPA PPPPPPPPPP PPCPGSGPAP PPLPPTPVSG GSPAPGGGRG ALLDQIRQGI QLNKTPGALE NSVQQPPAQQ SEGLVGALMH VMQKRSRVIH SSDEGEDQTG EDEEDDEWDD</p>
Source	E.coli
Target Names	Was
Protein Names	Recommended name: Wiskott-Aldrich syndrome protein homolog Short name= WASp
Expression Region	1-520
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	<p>The Wiskott-Aldrich syndrome (WAS) family of proteins share similar domain structure, and are involved in transduction of signals from receptors on the cell surface to the actin cytoskeleton. The presence of a number of different motifs suggests that they are regulated by a number of different stimuli, and interact with multiple proteins. Recent studies have demonstrated that these proteins, directly or indirectly, associate with the small GTPase, Cdc42, known to regulate formation of actin filaments, and the cytoskeletal organizing complex, Arp2/3. Wiskott-Aldrich syndrome is a rare, inherited, X-linked, recessive disease characterized by immune dysregulation and microthrombocytopenia, and is caused by mutations in the WAS gene. The WAS gene product is a cytoplasmic protein, expressed exclusively in hematopoietic cells, which show signalling and</p>



cytoskeletal abnormalities in WAS patients. A transcript variant arising as a result of alternative promoter usage, and containing a different 5 UTR sequence, has been described, however, its full-length nature is not known.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.