

Recombinant Human WAS Protein Product Manual

1. Product Basic Information

Product No.: REP08651

Protein Name: Thrombocytopenia 1 (X-Linked) (WAS)

Aliases: THC; IMD2; SCNX; THC1; WASP; WASPA; eczema-thrombocytopenia; thrombocytopenia 1 (X-linked); wiskott-Aldrich syndrome protein; actin nucleation-promoting factor WAS; WASP actin nucleation promoting fac...

UniProt ID: P42768

UniProt Link: <https://www.uniprot.org/uniprotkb/P42768/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Full Length of Mature Protein (2-502aa)

Molecular Weight: 53.6 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (2-502aa)

SGGPMGGRPGGRGAPAVQQNIPSTLLQDHENQRLFEMLGRKCLTLATAVVQLYLA
LPPGAEHWTKHEHCGAVCFVKDNPQKSYFIRLYGLQAGRLLWEQELYSQLVYSTPT
PFFHTFAGDDCQAGLNFADDEAQAQAFRALVQEKIQRNQRQSGDRRQLPPPPTPA
NEERRGGLPPLPLHPGGDQGGPPVGPLSLGLATVDIQNPDITSSRYRGLPAPGPSP
ADKKRSGKKKISKADIGAPSGFKHVSHVGWDPQNGFDVNNLDPDLRSLFSRAGISE
AQLTDAETSKLIYDFIEDQGGLEAVRQEMRRQEPLPPPPPPSRGGNQLPRPPIVGG
NKGRSGPLPPVPLGIAPPPPTPRGPPPPGRRGGPPPPPPATGRSGPLPPPPPGAG
GPPMPPPPPPPPPPSSGNGPAPPPLPPALVPAGGLAPGGGRGALLDQIRQGIQL
NKTPGAPESSALQPPQSSSEGLVGALMHVMQKRSRRAIHSSDEGEDQAGDEDEDD
EWDD

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).



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Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human WAS full length of mature protein protein (2-502aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. WAS, also known as THC or IMD2 or SCN_X, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.