

Recombinant Mouse VWF Protein, His tagged

Cat. No. VWF-18420M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse VWF Protein with His tag was expressed in HEK293.
Species	Mouse
Source	HEK293
Description	Predicted to enable several functions, including chaperone binding activity; identical protein binding activity; and integrin binding activity. Acts upstream of or within several processes, including liver development; placenta development; and platelet activation. Located in external side of plasma membrane. Is expressed in several structures, including cardiovascular system; extraembryonic component; genitourinary system; leptomeninges; and vitelline blood vessel. Used to study von Willebrand's disease and von Willebrand's disease 2. Human ortholog(s) of this gene implicated in several diseases, including Behcet's disease; Bernard-Soulier syndrome; end stage renal disease; essential thrombocythemia; and von Willebrand's disease (multiple). Orthologous to human VWF (von Willebrand factor).
Molecular Mass	The protein has a calculated MW of 55 kDa.
AA Sequence	HHHHHSLSCRPPMVKLVCADNPRAQGLECAKTCQNYDLERMSLGCVSGCLCPP GMVRHENKCVALERCPCFHQGAHEYAPGDTVKIGCNTCVCERKWNCTNHVCDAT RSAIGMAHYLTFDGLKYLFPGECQYVLVYDYCGSNPGTFQILVGNEGCSYPSVKCR KRVTILVDGGELELFDGEVNVKRPLRDESHFEVVESGRYVILLGQALSVVWDHHLI SVVLKHTYQEQVCGLCGNFDGIQNNSTTSSLQVEEDPVNFGNSWKVSSQCADTR

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KLSLDVSPATCHNNIMKQTMVDSACRILTSDVFQGCNRLVDPEPYLDICIYDTCSCS
 IGDCACFCDTIAAYAHVCAQHGGQVVAWRTPTLCPQSCEEKNVRENGYECEWRYNS
 CAPACPVTCQHPEPLACPVQCVEGCHAHCPPGRILDELLQTCVDPQDCPVCEVAG
 RRLAPGKKITLSPDDPAHCQNCHCDGVNLTCEACQEPGGLVAPPTDAPVSSTTPYV
 EDTP

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.

Concentration

0.018 mg/mL by BCA

Storage Buffer

Sterile PB, 500 mM NaCl, pH 7.4

GENE INFORMATION

Gene Name

Vwf Von Willebrand factor homolog [*Mus musculus* (house mouse)]

Official Symbol

Vwf

Synonyms

VWF; Von Willebrand factor homolog; von Willebrand factor; VWD; F8VWF;
 AI551257; C630030D09; 6820430P06Rik; B130011O06Rik;

Gene ID

22371

mRNA Refseq

NM_011708

Protein Refseq

NP_035838

UniProt ID

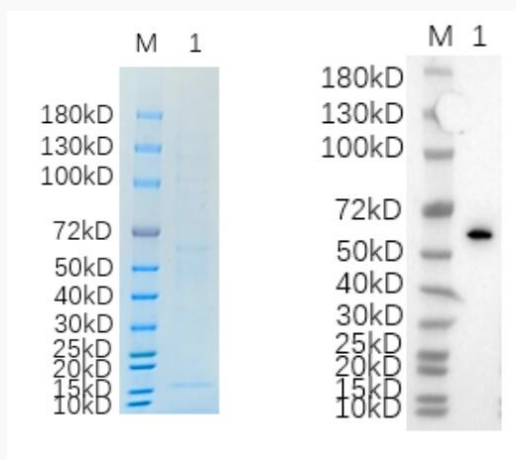
Q8CIZ8

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**Reducing 12% SDS-
PAGE (CBB stained)
and WB (Anti-His
Mouse Monoclonal
antibody) analysis
profile of purified
VWF.**



1. VWF-18420M
2. BSA

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