

Recombinant Mouse Vwf protein, His-tagged

Cat. No. Vwf-1432M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Vwf(Asp1498~Val1665) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp1498~Val1665
Description	Vwf played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	20.4kDa
AA Sequence	DVV FVLEGSDEVG EANFNKSKEF VEEVIQRMDV SPDATRISVL QYSYTVTMEY AFNGAQSKEE VLRHVREIRY QGGNRTNTGQ ALQYLSEHSF SPSQGDRVEA PNLVYMTGN PASDEIKRLP GDIQVPIGV GPHANMQELE RISRPIAPIF IRDFETLPRE APDLV
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive

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	Labeling
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	Vwf Von Willebrand factor homolog [<i>Mus musculus</i>]
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
Chromosome Location	6 F3; 6 59.32 cM

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Pathway

Blood Clotting Cascade, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem;

Function

chaperone binding; collagen binding; glycoprotein binding; immunoglobulin binding; integrin binding; protease binding; protein N-terminus binding; protein binding; protein homodimerization activity;

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