

# Recombinant Mouse Vwf Protein, Full Length, C-6xHis tagged

**Cat. No.** VWF-18421MFL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Vwf Protein (Full Length) with C-6xHis tag was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Full Length
<b>Description</b>	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).
<b>Molecular Mass</b>	The protein has a predicted molecular mass of 307.6 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

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<b>Stability</b>	12 months from date of despatch
<b>Storage</b>	Store at -20 centigrade to -80 centigrade for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 centigrade (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 %-8% trehalose is added as protectants before lyophilization.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Vwf Von Willebrand factor homolog [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Vwf</a>
<b>Synonyms</b>	VWF; Von Willebrand factor homolog; von Willebrand factor; VWD; F8VWF; AI551257; C630030D09; 6820430P06Rik; B130011O06Rik;
<b>Gene ID</b>	<a href="#">22371</a>
<b>mRNA Refseq</b>	<a href="#">NM_011708</a>
<b>Protein Refseq</b>	<a href="#">NP_035838</a>
<b>UniProt ID</b>	<a href="#">Q2I0J8</a>

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