

Recombinant Human VWA1 protein, His & T7-tagged

Cat. No. VWA1-7810H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human VWA1 aa. (Ser42~Val289 (Accession # Q6PCB0)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ser42~Val289
Description	VWA1 belongs to the von Willebrand factor (VWF; MIM 613160) A (VWFA) domain superfamily of extracellular matrix proteins and appears to play a role in cartilage structure and function (Fitzgerald et al., 2002 [PubMed 12062410]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP

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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°C 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°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	VWA1 von Willebrand factor A domain containing 1 [Homo sapiens (human)]
Official Symbol	VWA1
Synonyms	VWA1; von Willebrand factor A domain containing 1; WARP; von Willebrand factor A domain-containing protein 1; von Willebrand factor A domain-related protein
Gene ID	64856
mRNA Refseq	NM_022834.4
Protein Refseq	NP_073745.2
UniProt ID	Q6PCB0

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