

Recombinant Human VWA2 protein, His-tagged

Cat. No. VWA2-6897H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human VWA2 aa. (Ser457~Gly708) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ser457~Gly708
Description	This gene encodes a member of the von Willebrand factor A-like domain protein superfamily. The encoded protein is localized to the extracellular matrix and may serve as a structural component in basement membranes or in anchoring structures on scaffolds of collagen VII or fibrillin. This gene has been linked to type 1A diabetes and is a candidate serological marker for colon cancer.
Form	Freeze-dried powder
Molecular Mass	31kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 5.3.

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Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive 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°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.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	VWA2 von Willebrand factor A domain containing 2 [Homo sapiens (human)]
Official Symbol	VWA2
Synonyms	AMACO; NET42; CCSP-2; a domain-containing protein similar to matrilin and collagen; colon cancer diagnostic marker; colon cancer secreted protein 2; von Willebrand factor A domain-containing protein 2
Gene ID	340706

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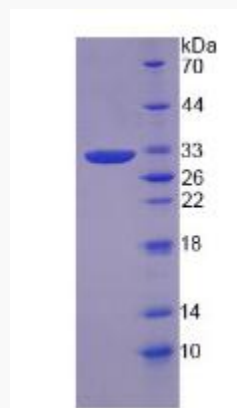
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mRNA Refseq NM_001272046.1

Protein Refseq NP_001258975.1

UniProt ID Q5GFL6

SDS-PAGE



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