

Active Recombinant Human VTN protein, Biotinylated

Cat. No. VTN-0825H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human VTN protein(Asp20-Arg398), fused with N/A tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	20-398 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Biotinylated Human Vitronectin, Tag Free, primary amine labeling at 1 µg/mL (100 µL/well) on Streptavidin precoated (0.5 µg/well) plate, can bind Human ITGAV&ITGB5 Heterodimer Protein, His Tag&Tag Free with a linear range of 0.156-1.25 µg/mL.
Molecular Mass	This protein carries no "tag" The protein has a calculated MW of 43.2 kDa. The protein migrates as 47-55 kDa under reducing (R) condition (SDS-PAGE).
Proteinlength	Asp20-Arg398
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin
GENE INFORMATION	
Gene Name	VTN vitronectin [Homo sapiens]
Official Symbol	VTN
Synonyms	VTN; vitronectin; vitronectin (serum spreading factor, somatomedin B, complement S protein); complement S protein; serum spreading factor; somatomedin B; VN; epibolin; S-protein; complement S-protein; serum-spreading factor; V75; VNT;
Gene ID	7448
mRNA Refseq	NM_000638
Protein Refseq	NP_000629
MIM	193190
UniProt ID	P04004