

Active GMP Recombinant Human VTN protein

Cat. No. VTN-599HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human VTN protein(NP_000629.3)(465 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human Vitronectin(NP_000629.3) was expressed with His tag at the C-terminal.
Bio-activity	Recombinant Human Vitronectin promotes the attachment of hESC and iPSC under serum-free feeding conditions of 5ug/ml.
Molecular Mass	Recombinant Human VTN contains 465 aa. It has a predicted MW of 465 kDa.
Endotoxin	<=0.01EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
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.

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GENE INFORMATION

Gene Name	VTN vitronectin [Homo sapiens]
Official Symbol	VTN
Synonyms	VN; V75; VNT
Gene ID	7448
mRNA Refseq	NM_000638
Protein Refseq	NP_000629
MIM	193190
UniProt ID	P04004

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