PRODUCT INFORMATION

Target	Vitronectin
Synonyms	Complement S-protein;epibolin;Serum Spreading Factor;Serum-spreading factor;Somatomedin B;S-protein;V75;Vitronectin;VN;VNT;VTN
Description	Recombinant Human Vitronectin is produced by our Mammalian expression system and the target gene encoding Val62-Leu478 is expressed with a 6His tag at the C-terminus.
Delivery	In Stock
Uniprot ID	AAH05046.1
Expression Host	HEK293
Tag	N-Truncated, C-6×His Tag
Molecular Characterization	Not available
Molecular Weight	48.3 KDa
Purity	Greater than 90% as determined by reducing SDS-PAGE.
Formulation & Reconstitution	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	Vitronectin, also known as VTN, is a large glycoprotein found in blood and the extracellular matrix (ECM). Vitronectin is a plasma glycoprotein implicated as a regulator of diverse physiological process, including blood coagulation, fibrinolysis, pericellular proteolysis, complement dependent immune responses, and cell attachment and spreading. Blocking of Hic(a member of the pneumococcal surface protein C (PspC) family) by specific antiserum or genetic deletion significantly reduced pneumococcal binding to soluble and immobilised vitronectin and to Factor H, respectively. In addition, Vitronectin interact with glycosaminoglycans and proteoglycans. Is recognized by certain members of the integrin family and serves as a cell-to-substrate adhesion molecule. Inhibitor of the membrane-damaging effect of the terminal cytolytic complement pathway.
Usage	Research use only
Conjugate	Unconjugated

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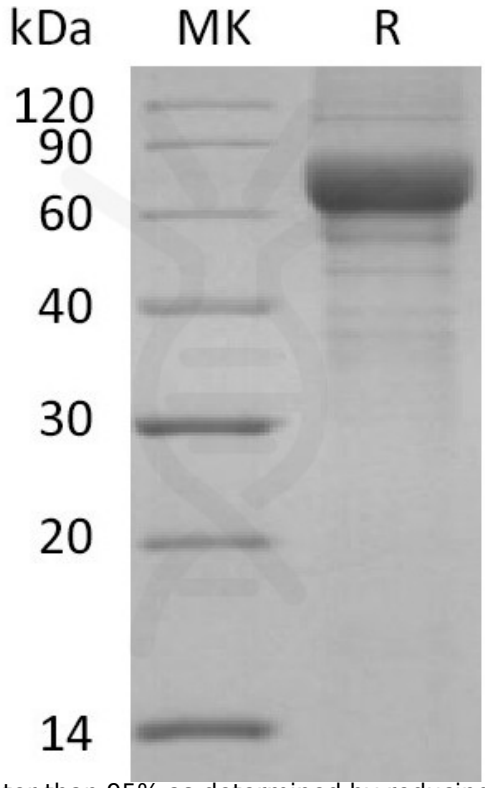

Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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