

**VCAM1, 25-698aa, Human, His-tag, Baculovirus**

**Cat.NO.: TP04464**

3th Edition

**Synonyms:**Vascular cell adhesion protein 1 isoform, VCAM1, CD106, INCAM-100

**Description:**VCAM1, also known as vascular cell adhesion protein 1 isoform, a member of the immunoglobulin superfamily. It is a cell surface protein expressed by activated endothelial cells and certain leukocytes. VCAM1 expression is induced on endothelial cells during inflammatory bowel disease, atherosclerosis, allograft rejection and asthmatic responses. During the inflammatory adhesion mechanism, activated integrins that rolling leukocytes and attach them firmly to the vascular endothelium. Recombinant human VCAM1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:**75.6kDa (685aa), 70-100KDa (SDS-PAGE under reducing conditions.)

**Sequences:**

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.