
Product Data Sheet

Product Name: VCAM1 Rabbit
Cat. No.: GP24987
Batch No.: 1

Product Data

Purity	>98%	Source
Physical Appearance	solid	Shipping Condition

Synonyms Vascular cell adhesion protein 1; V-CAM 1; INCAM-100; CD106; VCAM1; L1CAM; MGC99561; DKFZp779G2333.

Amino Acid Sequence AFKIETFPESRSLAQIGDSVSLTCTTTGCASPTFSWRTQIDSPLNGKVRSEGTSTLTMDPVSFENEHSYLCTATCESKKLEKGIQVEIYSFPKDPEIHLSGP

Formulation The VCAM1 solution (1mg/ml) contains 50mM Tris, 300mM NaCl, 10% Glycerol, pH 7.5.

Introduction

VCAM1 is a member of the Ig superfamily. It is a cell surface sialoglycoprotein expressed by cytokine activated endothelium. VCAM-1 contains 6 or 7 immunoglobulin domains, and is expressed on both large and small vessels only after the endothelial cells are stimulated by cytokines. The protein has a number of functions including the regulation of leukocyte migration, leukocyte endothelial cell adhesion and signal transduction and may play a role in a number of inflammatory diseases (atherosclerosis and rheumatoid arthritis).

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

VCAM1 Rabbit Recombinant is expressed in insect cells and containing 674 amino acids (a.a. 25-698) fused to a N-terminal hexahistidine tag, having a total MW of 77.06kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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