

Proteoliposomes

Full-Length

VCAM1 (Human) Recombinant Protein

Catalog # H00007412-G01

Size 10 ug

Specification

Product Description

Human VCAM1 full-length ORF (NP_001069.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MPGKMVVILGASNILWIMFAASQAFKIETTPESRYLAQIGDSVSLTCSTTGCESPFFSWRTQIDSPL
NGKVTNEGTTSTLTMNPVSFGNEHSYLCATCESRKLEKGIQVEIYSFPKDPEIHLSGPLEAGKPIT
VKCSVADVYPFDRLEIDLLKGDHLMKSQEFLEADRKSLETKSLEVTFPTVEDIGKVLVCRAKLHI
DEMDSVPTVRQAVKELQVYISPKNTVISVNPSTKLQEGGSVTMTCSSEGLPAPEIFWSKKLDNGN
LQHLSGNATLTLIAMRMEDSGIYCEGVNLIGKNRKEVELVQEKPFTEISPGPRIAAQIGDSVMLT
CSVMGCESPSFSWRTQIDSPLSGKVRSEGTNSTLTLSPVSFENEHSYLCATVTCGHKKLEKGIQVE
LYSFPRDPEIEMSGGLVNGSSVTVSCKVPSVYPLDRLEIELLKGETILENIEFLEDTDMKSLENKSL
EMTFIPTIEDTGKALVCQAKLHIDDMEFEPKQRQSTQTLVNVAPRDTTVLVSPSSILEEGSSVNMT
CLSQGFPAPKILWSRQLPNGELQPLSENATLTLISTKMEDSGVYLCEGINQAGRSRKEVELIIQVTP
KDIKLTAFPSSESVKEGDTVIIISCTCGNVPETWILKKKAETGDTVLSIDGAYTIRKAQLKDAGVYEC
ESKNKVGSQRLSLTLDVQGRENNKDYFPELLVLYFASSLIIPAIGMIYFARKANMKGSYSLVEAQK
SKV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

81.3

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — VCAM1

Entrez GeneID [7412](#)

GeneBank Accession# [NM_001078.2](#)

Protein Accession# [NP_001069.1](#)

Gene Name VCAM1

Gene Alias CD106, DKFZp779G2333, INCAM-100, MGC99561

Gene Description vascular cell adhesion molecule 1

Omim ID [192225](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of atherosclerosis and rheumatoid arthritis. Two alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations CD106 antigen|OTTHUMP00000012650|OTTHUMP00000012651

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)

Disease

- [Alzheimer disease](#)
- [Anemia](#)
- [Arthritis](#)

- [Asthma](#)
- [Atherosclerosis](#)
- [Biliary Tract Neoplasms](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Erythema Nodosum](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Heart Diseases](#)
- [Hematologic Diseases](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Hypercholesterolemia](#)

- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphedema](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Stroke](#)
- [Thrombophilia](#)

- [Thrombosis](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)