

Product datasheet for **TP313353**

VCAM1 (NM_080682) Human Recombinant Protein

Product data:

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|---------------------------------------|-----------------------------------------------------------------------------------------------------|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human vascular cell adhesion molecule 1 (VCAM1), transcript variant 2, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC213353 representing NM_080682 Red=Cloning site Green=Tags(s) |

MPGKMWVILGASNILWIMFAASQAFKIETTPESRYLAQIGDSVSLTCSTTGCEPFFSWRTQIDSPLNGK
VTNEGTTSTLTMNPVSGNEHSYLCTATCESRKLEKGIQVEIYSPKDPPEIHLGSPLEAGKPITVKCSVA
DVYPFDRLEIDLLKGDHLMKSQEFLEDADRKSLTKSLEVTFTPIEDIGKVLVCRAKLHIDEMDSVPTV
RQAVKELQVYISPKNTVISVNPSTKLQEGGSVTMTCSSEGLPAPEIFWSKKLDNGLQHLSGNATLTLIA
MRMEDSGIYVCEGVNLIGKNRKEVELIVQAFPRDPEIEMSGGLVNGSSVTVSCVKVPSVYPLDRLEIELLK
GETILENIEFLEDTDMKSLENKSLEMTFIPTIEDTGKALVCQAKLHIDDMEFEPKQRQSTQTLVNVVAPR
DTTVLVSPSSILEEGSSVNMTCLSQGFAPKILWSRQLPNEGELQPLSENATLTLISTKMEDSGVYLCEGI
NQAGRSRKEVELIIQVTPKDIKLTAFPSSEVKEGDTVIISCTCGNVPETWIIKKKAETGDTVLKSIDGA
YTIRKAQLKDAGVYECESKNKVGSQLRSLTLDVQGRENNKDYFPELLVLYFASSLIIPAIGMIIFARK
ANMKGSYSLVEAQSKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tag: | C-Myc/DDK |
| Predicted MW: | 68.7 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |



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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_542413](#)

Locus ID: 7412

UniProt ID: [P19320](#)

RefSeq Size: 2944

Cytogenetics: 1p21.2

RefSeq ORF: 1941

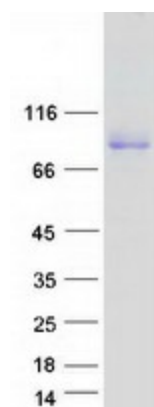
Synonyms: CD106; INCAM-100

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. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Dec 2010]

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs), Leukocyte transendothelial migration

Product images:



Coomassie blue staining of purified VCAM1 protein (Cat# TP313353). The protein was produced from HEK293T cells transfected with VCAM1 cDNA clone (Cat# [RC213353]) using MegaTran 2.0 (Cat# [TT210002]).