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VCAM1, 25-698 aa, Human, His tag, E.coli

产品货号: TP04463

第三版

别名:Vascular cell adhesion molecule 1, CD106; DKFZp 779G2333; INCAM-100; MGC99561

描述:VCAM1 is a member of the Ig superfamily and is 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. Recombinant human VCAM1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

分子量:76 kDa (695aa)

序列:

MGSSHHHHHHSSGLVPRGSHMFKIETTPESRYLAQIGDSVSLTCSTTGCESPFFSWRTQIDSPLNGKVTNEGTTSTLTMNP
VSFGNEHSYLCTATCESRKLEKGIQVEIYSFPKDPEIHLSPLEAGKPITVKCSVADVYPDRLEIDLLKGDHLMKSQEFLED
ADRKSLETKSLEVTFTPVIEDIGKVLVCRAKLHIDEMDSVPTVRQAVKELQVYISPKNTVISVNPSTKLQEGGSVTMTCSS
GLPAPEIFWSKKLDNGLQHLNATLTLIAMRMEDSGIYVCEGVNLIGKNRKEVELIVQEKPFVTEISPGPRIAAQIGDSV
MLTCSVMGCESPFSWRTQIDSPLSGKVRSEGTNSTLTLSPVSFENEHSYLCTVTCGHKKLEKGIQVELYSFPRDPEIEMSGG
LVNGSSVTVSCKVPSVYPLDRLEIELLKGETILENIEFLEDTDMKSLENKSLEMTFIPTIEDTGKALVCQAKLHIDDMEFEPKQ
RQSTQTLVNVAPRDTTTLVSPSSILEEGSSVNMTCLSQGFAPKILWSRQLPNEGELQPLSENATLTLISTKMEDSGVYLCEG
INQAGRSRKEVELIIQVTPKDIKLTAFPSVKEGDTVIIISCTCGNVPETWIIKKKAETGDTVLSIDGAYTIRKAQLKDAGV
YECESKNKVGSQLRSLTLDVQGRENNKDYFSPE

纯度:> 95% by HPLC

浓度:0.25 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.