

Human VCAM1 Recombinant Protein



RPPB5117

Product Information Protein Information

Product SKU:

RPPB5117

Accession:

P19320

Host:

HEK293 cells.

Protein description:

VCAM1 Human Recombinant produced by mammalian expression system in human cells is a single polypeptide chain containing 682 amino acids (25-698). VCAM1 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

VCAM1 was lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, 2mM CaCl₂, 2mM MgCl₂ and 5%Threhalose, pH 7.2.

Purity:

Greater than 95% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized VCAM1 in 1xPBS to a concentration no less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized VCAM1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution VCAM1 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

FKIETTPESRYLAQIGDSVSLTCSTTGCEPFFSWRTQIDSPNGKVTNEGTTSTLMNPVSFGNEHSYLCTATCESRK
LEKGIQVEIYFSPKDPKDEIHLGSPLEAGKPITVKCSVADVYPFDRLEIDLLKGDHLMKSQEFLEADRKSLETKSLEVTFTP
VIEDIGKVLVCRAKLHIDEMDSVPTVRQAVKELQVYISPKNTVISVNPSTKLQEGGSVTMTCSSEGLPAPEIFWSKKLD
NGNLQHLSGNATLTLIAMRMEDSGIYVCEGVNLIGKNRKEVELIVQEKPFVEISPGPRIAAQIGDSVMLTCSVMGC
ESPSFSWRTQIDSPLSGKVRSEGTNSTLTSPVSFENEHSYLCTVTCGHKKLEKGIQVELYSFPRDPEIEMSGGLVNGS
SVTVSCKVPSVYPLDRLEIELLKGETILENIEFLEDTDMKSLENKSLEMTFIPTIEDTGKALVCQAKLHIDMEFEPKQRQ
STQTLVYNNVAPRDTTVLVSPSSILEEGSSVNMTCLSQGFPAPKILWSRQLPNGELQPLSENATLTISTKMEDSGVYL
CEGINQIRKAQLKDAGVYECESKNKVGSQLRSLTLDVQGRENNKDYFSPEVDHHHHHHAGRSRKEVELIIQVTPKDI
KLTAFPSESVKEGDTVIIISCTCGNVPETWILKKKAETGDTVLSIDGAYTIRKAQLKDAGVYECESKNKVGSQLRSLT
DVQGRENNKDYFSPEVDHHHHHH.