

Recombinant VCAM1-(his)N, human

transcript variant a

Catalog V010

Lot 2796



Life Sciences Incubator

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Product description

This protein is a cell surface sialoglycoprotein expressed on cytokine-activated endothelium. It is a type I transmembrane protein and is a member of the IgG superfamily. It mediates leukocyte-endothelial cell adhesion and signal transduction. It may play a role in the development of atherosclerosis and rheumatoid arthritis.

Reference sequences:	NM_001078 NP_001069 Swiss-prot P19320
Alternative names:	VCAM1 CD106 INCAM-100
Gene ID:	7412

The ecto-domain of human VCAM1, transcript variant a, residues 25 - 698, was over-expressed in HEK293EBNA1 cells and purified to homogeneity. The protein contains a N-terminal hexahistidine tag. The calculated molecular weight of recombinant human VCAM1, transcript variant a, residues 25 - 698 including hexahistidine tag, is 75.7 kDa. Each vial contains 100 µg VCAM1 at 0.87 mg/ml.

Storage and stability

VCAM1-(his)N should be stored at - 80 °C (stable for at least 1 year). The buffer is PBS without preservative. After thawing it should be stored in appropriate small aliquots at - 20 °C or - 80 °C (stable for at least 2 months).

Protein sequence

marplctllllmatlagalagshhhhhgskiettpesrylaigqdsvsitcstt
gcespfswrtqidspingkvtnegttstltmnpvsgnehsylctatcesrkl
ekgiqveiyfspdpeihlsgpleagkpitvkcsadvypfdrleidllkgdhl
mksqefledadrksletkslevtftpviedigkvlvcraklhidemdsuptvrq
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ckvpsvypldrleillkgetileniefledtdmkslenkslemftiptiedtgka
lvcqaklhiddmefepkqrqstqtlvynvaprdttvlvspssileegssvnm
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peaaa*

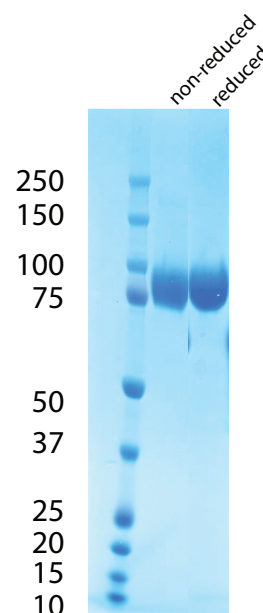


Figure 1
NuPage gel of V010
(non)reducing conditions

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Version 06/2018

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