DATA SHEET

P90547Rb01

Vascular Cell Adhesion Molecule 1 (VCAM1)

Organism: Oryctolagus cuniculus (Rabbit)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

4th Edition (Revised in August, 2012)

[DESCRIPTION]

Protein Names: Vascular Cell Adhesion Molecule 1

Synonyms: VCAM1

Species: Rabbit

Size: 100µg

Source: *Escherichia* coli-derived

[PROPERTIES]

Residues: Ile409~Thr682 (Accession # Q865F2), with two N-terminal Tags, His-tag and S-tag.

Grade & Purity: >95%, 34 kDa as determined by SDS-PAGE reducing conditions.

Formulation: Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

Endotoxin Level: <1.0 EU per 1µg (determined by the LAL method).

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

Predicted Molecular Mass: 34.1 kDa

Predicted isoelectric point: 5.7

[PREPARATION]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The target protein is fused with two N-terminal Tags, His-tag and S-tag, its sequence is listed below.

MGSSHHHHHHSSGLVPRGSHMASMTGGQQMGRGSEF-IE LSGPPVNGRP VTVSCKVPNV YPFDXLEIEL LKGETMMKNK EFLEEEDKKS LETKSLEMTF IPTMEDTGKV LVCQAKLHID EMEFEPKQRQ STQPLFVNVA PRDIAVWVSP SSIVEEGRSV NMTCSSYGLP APKILWSRQL KNGDLQPLSE NTTLALISTK LEDSGIYVCE GINLAGKSRK EVELVIQVAP KDIQLTAFPS KSVKEGDTVI ISCTCGNVPE TWIILKKKAE TGDTVLKSID GAYTIRKAQL EDAGVYECES KNEVGSQLRS IT

GENTAUR

Gentaur Molecular Products
Voortstraat 49
1910 Kampenhout, BELGIUM
Tel 0032 16 58 90 45 | Fax 0032 16 50 90 45
www.gentaur-worldwide.com
info@gentaur.com