

# Recombinant Rhesus monkey VCAM1 protein, His & T7-tagged

**Cat. No.** VCAM1-2775R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rhesus monkey VCAM1 aa. (Leu1~Asp81) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                                                                                                                  |
| <b>Species</b>          | Rhesus macaque                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Leu1~Asp81                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 13.2kDa                                                                                                                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                                                                                                |
| <b>Characteristic</b>   | The isoelectric point is 5.5.                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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|                       |                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.                                  |
| <b>Storage buffer</b> | Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative. |
| <b>Reconstitution</b> | Reconstitute in sterile ddH <sub>2</sub> O.                                                                                                 |

## GENE INFORMATION

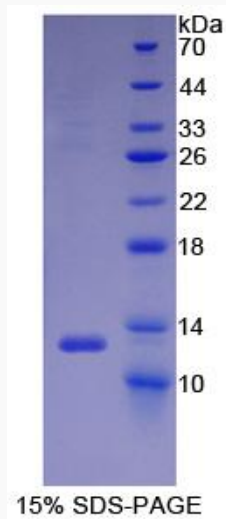
|                        |                                                                            |
|------------------------|----------------------------------------------------------------------------|
| <b>Gene Name</b>       | VCAM1 vascular cell adhesion molecule 1 [ Macaca mulatta (Rhesus monkey) ] |
| <b>Official Symbol</b> | VCAM1                                                                      |
| <b>Synonyms</b>        | vascular cell adhesion protein 1                                           |
| <b>Gene ID</b>         | 712036                                                                     |
| <b>mRNA Refseq</b>     | XM_001107924.3                                                             |
| <b>Protein Refseq</b>  | XP_001107924.1                                                             |
| <b>UniProt ID</b>      | A0A1D5RJM5                                                                 |

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