

# Recombinant Human ICAM-2/CD102 Protein

Catalog No.: RP00289 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	3384	P13598

### Tags

C-hFc&His

### Synonyms

ICAM2;CD102

## Product Information

Source	Purification
HEK293 cells	> 97% by SDS-PAGE.

### Endotoxin

Please contact us for more information.

### Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Background

### Basic Information

#### Description

Recombinant Human ICAM-2/CD102 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Lys25-Gln216) of human ICAM-2 (Accession #NP\_000864.2) fused with an Fc, 6xHis tag at the C-terminus.

#### Bio-Activity

Measured by the ability of the immobilized protein to support the adhesion of THP-1 cells. When cells are added to ICAM-2 coated plates (12.5 µg/mL, 100 µL/well), approximately >40% cells will adhere specifically after 60 minutes at 37 °C.

#### Storage

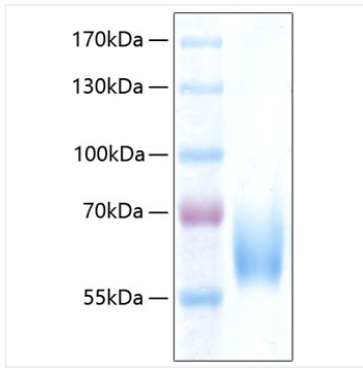
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human ICAM-2/CD102 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 60-70 kDa.