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Human CellExp ICAM2 /CD102, human recombinant protein

ICAM2, CD102, Intercellular adhesion molecule 2
Catalog # PBV11108r

Specification

Human CellExp ICAM2 /CD102, human recombinant protein - Product info

Primary Accession	P13598
Calculated MW	**This protein is fused with 6×His tag at the C-terminus, has a calculated MW of 23.3 kDa. The predicted N-terminus is Ser 22. DTT-reduced Protein migrates as 40-63 kDa due to glycosylation. KDa**

Human CellExp ICAM2 /CD102, human recombinant protein - Additional Info

Gene ID	**3384**
Gene Symbol	**ICAM2**

Other Names
ICAM2, CD102, Intercellular adhesion molecule 2

Gene Source	**Human**
Source	**HEK293 cells**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**N/A;**
Recombinant	**Yes**

Target/Specificity
ICAM2 /CD102

Application Notes
Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format
Lyophilized

Storage
-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally Mannitol or Trehalose is added as protectants before lyophilization.

Human CellExp ICAM2 /CD102, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp ICAM2 /CD102, human recombinant protein - Images

Human CellExp ICAM2 /CD102, human recombinant protein - Background

Intercellular adhesion molecule 2 (ICAM2) is also known as CD antigen CD102, which belongs to the immunoglobulin superfamily and ICAM family. ICAM2 contains two Ig-like C2-type (immunoglobulin-like) domains. ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM2 / CD102 may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response; NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance.

Human CellExp ICAM2 /CD102, human recombinant protein - References

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Xu G.,et al.Proc. Natl. Acad. Sci. U.S.A. 106:19310-19315(2009).
Liu T.,et al.J. Proteome Res. 4:2070-2080(2005).
Wollscheid B.,et al.Nat. Biotechnol. 27:378-386(2009).