

Human CellExp™ ICAM2 /CD102, human recombinant

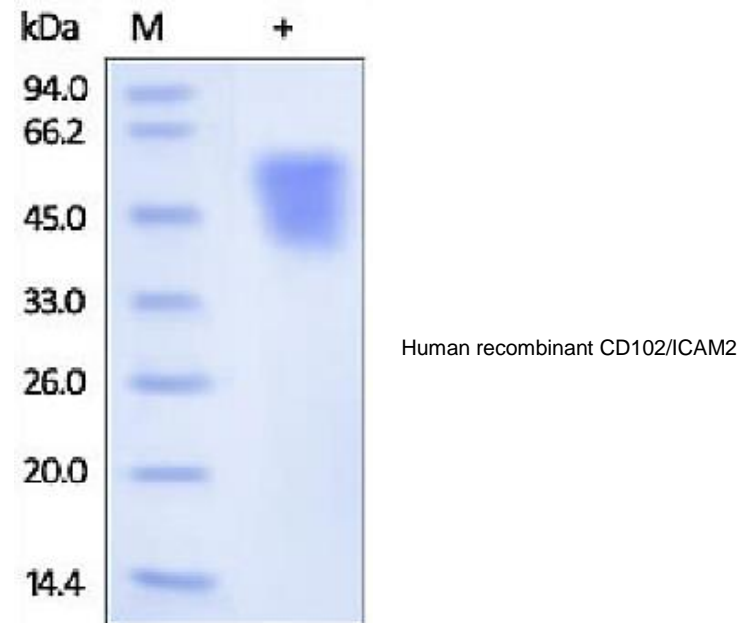
CATALOG #:	7487-10	10 µg
	7487-50	50 µg
ALTERNATE NAMES:	ICAM2, CD102, Intercellular adhesion molecule 2	
SOURCE:	HEK 293 cells (Ser 22 – Gln 223)	
PURITY:	≥ 95% by SDS-PAGE gel	
MOL. WEIGHT:	This protein is fused with 6xHis tag at the C-terminus, has a calculated MW of 23.3 kDa. The predicted N-terminus is Ser 22. DTT-reduced Protein migrates as 40-63 kDa due to glycosylation.	
ENDOTOXIN LEVEL:	<1 EU/µg by LAL method	
FORM:	Lyophilized	

FORMULATION: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally Mannitol or Trehalose is added as protectants before lyophilization.

STORAGE CONDITIONS: Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.

RECONSTITUTION: 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.

DESCRIPTION: 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.

**RELATED PRODUCTS:**

- ICAM-1 Antibody (Cat # 3422R-100)
- ICAM-1, human recombinant (Cat # 7161-10, -50)
- ICAM-1 (human) ELISA Kit (Cat # K7161-100)
- ICAM-1 (mouse) ELISA Kit (Cat # K7162-100)
- ICAM-1 (rat) ELISA Kit (Cat # K7163-100)
- ICAM-2 Antibody (Cat # 3926-100)
- ICAM-2 Blocking Peptide (Cat # 3926BP-50)
- ICAM-1, human recombinant (Cat # 7349-50)

FOR RESEARCH USE ONLY! Not to be used in humans.