

ICAM-2/CD102 Protein, Human (HEK293, His-Fc)

Cat. No.:	HY-P73115
Synonyms:	Intercellular adhesion molecule 2; ICAM-2; CD102
Species:	Human
Source:	HEK293
Accession:	Q6FHE2/NP_000864.2 (K25-Q223)
Gene ID:	3384
Molecular Weight:	85-95 kDa

PROPERTIES

AA Sequence	<p> K V F E V H V R P K K L A V E P K G S L E V N C S T T C N Q P E V G G L E T S L D K I L L D E Q A Q W K H Y L V S N I S H D T V L Q C H F T C S G K Q E S M N S N V S V Y Q P P R Q V I L T L Q P T L V A V G K S F T I E C R V P T V E P L D S L T L F L F R G N E T L H Y E T F G K A A P A P Q E A T A T F N S T A D R E D G H R N F S C L A V L D L M S R G G N I F H K H S A P K M L E I Y E P V S D S Q </p>
Biological Activity	Determined by its ability to support the adhesion of PMA-stimulated jurkat cells to plates pre-coated with ICAM-2. The ED ₅₀ for this effect is 1.348 µg/mL, corresponding to a specific activity is 7.42×10 ² units/mg.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	ICAM-2/CD102 protein is a member of the immunoglobulin superfamily and is specifically categorized within the ICAM family. This designation signifies its likely involvement in immune responses and cellular interactions, consistent with the family's established role in immunological processes. As part of the immunoglobulin superfamily, ICAM-2/CD102 may engage in complex interactions contributing to immune regulation. Further exploration is warranted to elucidate the
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specific functions and implications of ICAM-2/CD102 within the broader context of the immunoglobulin superfamily, shedding light on its role in modulating immune responses and cellular adhesion.

Caution: Product has not been fully validated for medical applications. For research use only.

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