

## Product datasheet for TP316706L

### ICAM2 (NM\_001099788) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Homo sapiens intercellular adhesion molecule 2 (ICAM2), transcript variant 3, 1 mg |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC216706 protein sequence<br>Red=Cloning site Green=Tags(s)   |

MSSFYRRTLVALFTLICCPGSDEKVFVHVRPKKLAVEPKGSLEVNCSTTCNQPEVGGLETSLDKILLD  
EQAQWKHYLVSNIHDTVLQCHFTCSGKQESMNSNVSVYQPPRQVILTLQPTLVAVGKSFTIECRVPTVE  
PLDSLTLFLFRGNETHYETFGKAAPAPQEATATFNSTADREDGHRNFSCLAVLDLMSRGGNIFHKHSAP  
KMLEIYEPVSDSQMVIIVTVSVLLSLFVTSVLLCFIFGQHLRQQRMGTYGVRAAWRRLPQAFRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                |  |
|----------------|--|
| Tag:           | C-Myc/DDK  |
| Predicted MW:  | 28.3 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:        | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                     |
| Note:          | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage:       | Store at -80°C.  |
| Stability:     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.        |
| RefSeq:        | <a href="#">NP_001093258</a>   |
| Locus ID:      | 3384   |



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UniProt ID: [P13598](#), [Q6FHE2](#)

RefSeq Size: 1235

Cytogenetics: 17q23.3

RefSeq ORF: 825

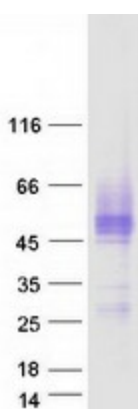
Synonyms: CD102

**Summary:** The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein 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. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:** ES Cell Differentiation/IPS, Transmembrane

**Protein Pathways:** Cell adhesion molecules (CAMs), Natural killer cell mediated cytotoxicity

### Product images:



Coomassie blue staining of purified ICAM2 protein (Cat# [TP316706]). The protein was produced from HEK293T cells transfected with ICAM2 cDNA clone (Cat# [RC216706]) using MegaTran 2.0 (Cat# [TT210002]).