

## Recombinant Human ICAM1 protein(Met1-Glu480)

**Cat. No.** ICAM1-657H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ICAM1 protein(NP_000192.2)(Met1-Glu480) was expressed in HEK293.                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | Met1-Glu480                                                                                                                                                                                                                           |
| <b>similar</b>          | ICAM1                                                                                                                                                                                                                                 |
| <b>Alias</b>            | ICAM1; intercellular adhesion molecule 1; BB2; CD54; human rhinovirus receptor; ICAM-1; cell surface glycoprotein P3.58; major group rhinovirus receptor; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor; P3.58; |
| <b>Conjugate</b>        | N/A                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                        |
| <b>Bioactivity</b>      |                                                                                                                                                                                                                                       |
| <b>MolecularMass</b>    | The recombinant human ICAM1 consists of 459 amino acids and has a predicted molecular mass of 50.2 kDa. As a result of glycosylation, it migrates with an apparent molecular mass of 71.3 kDa in SDS-PAGE under reducing conditions.  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                              |                                                                                                                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Endotoxin</b>             | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                  |
| <b>Purity</b>                | > 95 % as determined by SDS-PAGE                                                                                                                                                                                                                |
| <b>Storage</b>               | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>        | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                   |
| <b>GeneName</b>              | ICAM1 intercellular adhesion molecule 1 [ Homo sapiens ]                                                                                                                                                                                        |
| <b>GeneNameWeblink</b>       | <a href="#">3383</a>                                                                                                                                                                                                                            |
| <b>OfficialSymbol</b>        | ICAM1                                                                                                                                                                                                                                           |
| <b>OfficialSymbolWeblink</b> | <a href="#">3383</a>                                                                                                                                                                                                                            |
| <b>GenelD</b>                | 3383                                                                                                                                                                                                                                            |
| <b>GenelDWeblink</b>         | <a href="#">3383</a>                                                                                                                                                                                                                            |
| <b>mRNARefseq</b>            | NM_000201                                                                                                                                                                                                                                       |
| <b>mRNARefseqWeblink</b>     | <a href="#">NM_000201.2</a>                                                                                                                                                                                                                     |
| <b>ProteinRefseqWeblink</b>  | <a href="#">NP_000192.2</a>                                                                                                                                                                                                                     |
| <b>MIMWeblink</b>            | <a href="#">147840</a>                                                                                                                                                                                                                          |

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|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProtID        | P05362                                                                                                                                                                                                                                |
| UniProtIDWeblink | <a href="#">P05362</a>                                                                                                                                                                                                                |
| GENE INFORMATION |                                                                                                                                                                                                                                       |
| Synonyms         | ICAM1; intercellular adhesion molecule 1; BB2; CD54; human rhinovirus receptor; ICAM-1; cell surface glycoprotein P3.58; major group rhinovirus receptor; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor; P3.58; |
| MIM              | 147840                                                                                                                                                                                                                                |

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