General Information

Gene Name Synonym:
BB2; CD54; ICAM-1; P3.58

Protein Construction:
A DNA sequence encoding the human ICAM1 (NP_000192.2) extracellular domain (Met 1-Glu 480) with five amino acids (DDDDK) at the C-terminus was expressed and purified.

Source: Human
Expression Host: HEK293 Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Endotoxin:
< 1.0 EU per µg of the protein as determined by the LAL method

Stability:
Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Gln 28

Molecular Mass:
The recombinant human ICAM1 consists of 459 amino acids and has a predicted molecular mass of 51 kDa. As a result of glycosylation, it migrates with an apparent molecular mass of 70-80 kDa in SDS-PAGE under reducing conditions.

Formulation:
Lyophilized from sterile Tris 50mM, NaCl 100mM, pH 8.0
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:
Store it under sterile conditions at -20 °C to -80 °C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:
Detailed reconstitution instructions are sent along with the products.

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