Gene Name Synonym:
CD62E; E-selectin; Elam

Protein Construction:
A DNA sequence encoding the mouse SELE (NP_035475.1)(Met1-Pro564) was expressed with the Fc region of human IgG1 at the C-terminus.

Source: Mouse
Expression Host: HEK293 Cells

QC Testing
Purity: > 90 % as determined by SDS-PAGE

Bio Activity:
Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When cells are added to coated plates (10 μg/ml, 100 μl/well), approximately 50% will adhere specifically after 60 minutes at 37 °C.

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: Trp 29

Molecular Mass:
The recombinant mouse SELE/Fc is a disulfide-linked homodimer. The reduced monomer comprises 777 amino acids and has a predicted molecular mass of 85.5 kDa. The apparent molecular mass of the protein is approximately 101 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation:
Lyophilized from sterile PBS, pH 7.4.

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.

References

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