

Recombinant Human E-selectin/ELAM1/CD62E (C-His) Catalog No: BP097

Description Recombinant Human E-selectin is produced by Human 293 Cells. The target gene encoding W22-

P556 is expressed with an 8His tag at the C terminus.

Expression System Human

Alternative name E-selectin (SELE); CD62 antigen-like family member E: Endothelial leukocyte adhesion molecule

1;Leukocyte-endothelial cell adhesion molecule 2; CD62E and ELAM1

Accession No. P16581 Predicted 61.9kDa

Molecular Weight

Apparent E-selectin appeared as a smear between 66.2-116kDa in a reducing SDS-PAGE gel due to

Molecular Weight glycosylation.

Quality Control Purity: greater than 95% as determined by reducing SDS-PAGE.

Endotoxin: less than 0.1 ng/μg (1 EU/μg) as determined by TAL test.

Formulation PBS, pH 7.2

Reconstitution It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Shipping The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

Storage Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples

are stable at < -20°C for 3 months.

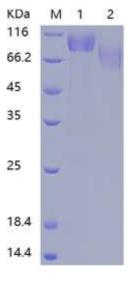
Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Background E-Selectin is a kDa cell surface glycoprotein that belongs to the selectin family. It is transiently

expressed on vascular endothelial cells in response to IL-1 beta and TNF-alpha, E-selectin plays an important role in recruiting leukocytes to the site of injury during inflammation. E-selectin also mediates the adhesion of tumor cells to endothelial cells, through binding to E-selectin ligands expressed by neutrophils, monocytes, eosinophils, memory-effector T-like lymphocytes, natural killer cells or cancer cells. In addition, studies have found that levels of E-Selectin may be elevated in

subjects with various pathological conditions.

SDS-PAGE



M: Marker

1: Sample in reducing conditions

2: Sample in non-reducing conditions

