

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 Molecular Weight	61.9kDa
Apparent Molecular Weight	E-selectin appeared as a smear between 66.2-116kDa in a reducing SDS-PAGE gel due to 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

