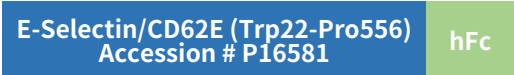


Rev02
 Update: Aug,08,2025
DATASHEET

E-Selectin/CD62E hFc Chimera, Human

Cat. No.: Z05264

Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> E-Selectin/CD62E (Trp22-Pro556) Accession # P16581 </div> <div style="margin: 0 10px;">  </div> <div style="background-color: #76b82a; color: white; padding: 5px; text-align: center;"> hFc </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized E-Selectin/CD62E hFc Chimera, Human at 2µg/ml (100µl/Well) on the plate can bind Biotinylated AntiESelectin Antibody, hFc Tag. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	85.4 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 90-130 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Background

Target Background : E-Selectin (Endothelial Leukocyte Adhesion Molecule-1, ELAM-1, CD62E), a member of the Selectin family, is a 107 - 115 kDa cell surface glycoprotein. It is transiently expressed on vascular endothelial cells in response to IL-1 beta and TNF-alpha. E-selectin mediates in the adhesion of blood neutrophils in cytokine-activated endothelium through interaction with SELPLG/PSGL1. May have a role in capillary morphogenesis.

Synonyms : CD62E; ELAM; ELAM1; ESEL; E-Selectin; LECAM2; SELE; selectin E; RP1-117P20.2

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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