

E-Selectin/CD62E Protein, Human (HEK293, His-Avi)

Cat. No.:	HY-P78437
Synonyms:	CD62E; ELAM; ELAM1; ESEL; E-Selectin; LECAM2; SELE; selectin E; RP1-117P20.2
Species:	Human
Source:	HEK293
Accession:	P16581 (W22-P556)
Gene ID:	6401
Molecular Weight:	80-100 kDa

PROPERTIES

Biological Activity	Immobilized Human E-Selectin at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-E-Selectin Antibody, hFc Tag with the EC ₅₀ of 8.0ng/ml determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	E-selectin/CD62E Protein is a cell-surface glycoprotein that plays a crucial role in immunoadhesion. It mediates the adhesion of blood neutrophils in cytokine-activated endothelium by interacting with SELPLG/PSGL1. Additionally, E-selectin/CD62E Protein may be involved in capillary morphogenesis. It interacts with SELPLG/PSGL1 and PODXL2 through the sialyl Lewis X epitope, and it is worth noting that SELPLG sulfation is not necessary for this interaction.
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Caution: Product has not been fully validated for medical applications. For research use only.

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