

HUMAN CD62E PROTEIN

Cat.#: 12277

Product Name: Human CD62E Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: ELAM;ESEL;SELE;ELAM1;LECAM2;selectin-e

Target: CD62E

UNIPROT ID: P16581

Description: Recombinant human CD62E Protein with C-terminal 6xHis tag

Background: The protein encoded by this gene is found in cytokine-stimulated endothelial cells and is thought to be responsible for the accumulation of blood leukocytes at sites of inflammation by mediating the adhesion of cells to the vascular lining. It exhibits structural features such as the presence of lectin- and EGF-like domains followed by short consensus repeat (SCR) domains that contain 6 conserved cysteine residues. These proteins are part of the selectin family of cell adhesion molecules. Adhesion molecules participate in the interaction between leukocytes and the endothelium and appear to be involved in the pathogenesis of atherosclerosis. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 59.5 kDa after removal of the signal peptide. The apparent molecular mass of CD62E-His is approximately 100-130 kDa due to glycosylation.

Molecular Characterization: CD62E(Trp22-Pro556) 6xHis tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

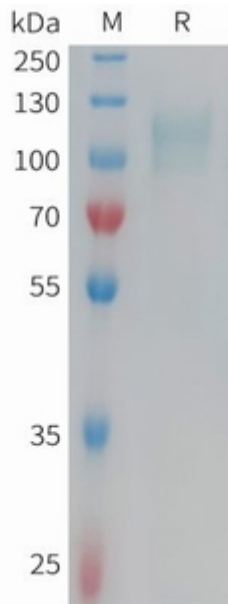


Figure 1. Human CD62E Protein, His Tag on SDS-PAGE under reducing condition.