PRODUCT INFORMATION

Target	CD62E
Synonyms	ELAM;ESEL;SELE;ELAM1;LECAM2;selectin-e
Description	Recombinant human CD62E Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P16581
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	CD62E(Trp22-Pro556) 6×His tag
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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
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]
Usage	Research use only
Conjugate	Unconjugated

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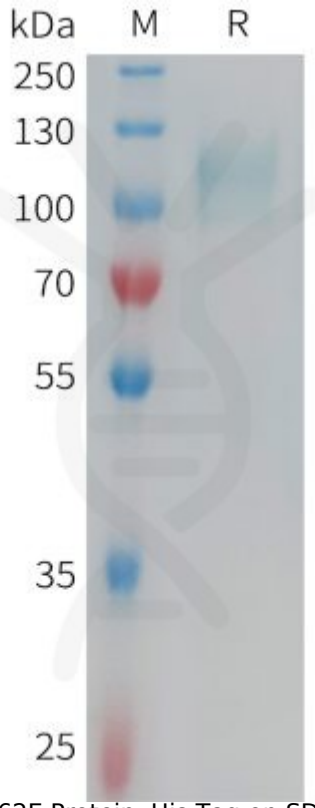


Figure 1. Human CD62E Protein, His Tag on SDS-PAGE under reducing condition.

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