

**RPES8330**

## Product Information

<b>Product SKU:</b>	RPES8330	<b>Expression Host:</b>	stable cell line	<b>Size:</b>	20µg
<b>Tag:</b>	C-His	<b>Reactivity:</b>	Human	<b>Accession:</b>	P16581

## Additional Information

<b>Calculated MW:</b>	61 kDa	<b>Observed MW:</b>	80-100 kDa
<b>Sequence:</b>	Met1-Pro556		

## Protein Information

<b>Background:</b>	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.
<b>Synonyms:</b>	CD26E, CD62 antigen-like family member E, CD62E, E selectin, E-selectin, ELAM, ELAM-1, ELAM1, Endothelial adhesion molecule 1, Endothelial leukocyte adhesion molecule 1, ESEL, LECAM2, Leukocyte-endothelial cell adhesion molecule 2, LYAM2, Sele, Selectin E
<b>Endotoxin:</b>	< 1.0 EU/mg of the protein as determined by the LAL method
<b>Formulation:</b>	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
<b>Purity:</b>	> 90% as determined by reducing SDS-PAGE.
<b>Bio-Activity:</b>	Not validated for activity
<b>Storage:</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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