

**RPES8296**

## Product Information

<b>Product SKU:</b>	RPES8296	<b>Expression Host:</b>	Mammalian	<b>Size:</b>	20µg
<b>Tag:</b>	C-His	<b>Reactivity:</b>	Human	<b>Accession:</b>	P14151

## Additional Information

<b>Calculated MW:</b>	32.2 kDa	<b>Observed MW:</b>	50-70 kDa
<b>Sequence:</b>	Trp39-Asn332		

## Protein Information

**Background:** This gene encodes a cell surface adhesion molecule that belongs to a family of adhesion/homing receptors. The encoded protein contains a C-type lectin-like domain, a calcium-binding epidermal growth factor-like domain, and two short complement-like repeats. The gene product is required for binding and subsequent rolling of leucocytes on endothelial cells, facilitating their migration into secondary lymphoid organs and inflammation sites. Single-nucleotide polymorphisms in this gene have been associated with an various diseases including immunoglobulin A nephropathy. Alternatively spliced transcript variants have been found for this gene.

**Synonyms:** A.11, AI528707, CD62 antigen ligand, CD62 antigen-like family member L, CD62L, gp90-MEL, IgA nephropathy, susceptibility to, included, L Selectin, L-selectin, LAM-1, LAM1, LECAM1, LEU8, Leukocyte adhesion molecule 1, Leukocyte surface antigen Leu-8, Leukocyte-endothelial cell adhesion molecule 1, Lnhr, LSEL, Ly-22, Ly-m22, Lyam-1, LYAM1, LYAM1, Lymph node homing receptor, Lymphocyte adhesion molecule 1, Lymphocyte antigen 22, Lymphocyte surface MEL-14 antigen, MEL-14, PIn homing receptor, PLNHR, Selectin L, Selectin, lymphocyte, SELL, TQ1

**Endotoxin:** < 1.0 EU/mg of the protein as determined by the LAL method

**Formulation:** Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

**Purity:** > 90% as determined by reducing SDS-PAGE.

**Bio-Activity:** Not validated for activity

**Storage:**

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.