

HUMAN CD62L PROTEIN, HIS TAG**Cat.#:** 11394**Product Name:** Human CD62L Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** CD62L;LAMI;LECAMI;LEU8;LNHR;LSEL;LYAMI;PLNHR;TQI**Target:** CD62L**UNIPROT ID:** P14151**Description:** Recombinant Human CD62L Protein with C-terminal 6xHis tag

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 various diseases including immunoglobulin A nephropathy. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Oct 2009]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 33.9 kDa after removal of the signal peptide. The apparent molecular mass of CD62L-His is approximately 35–70 kDa due to glycosylation.

Molecular Characterization: CD62L(Trp39–Asn332) 6×His Tag

Purity: The purity of the protein is greater than 90% 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 CD62L Protein, His Tag on SDS-PAGE under reducing condition.