HUMAN CD5 PROTEIN, HIS TAG

Cat.#: 11281

Product Name: Human CD5 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: CD5;EU1

Target: CD5

UNIPROT ID: P06127

Description: Recombinant human CD5 protein with C-terminal 6xHis tag

Background: This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes, T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms.

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 39.5 kDa after removal of the signal peptide.

Molecular Characterization: CD5(Arg25-Pro372) 6×His tag

Purity: The purity of the protein is greater than 95% 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.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

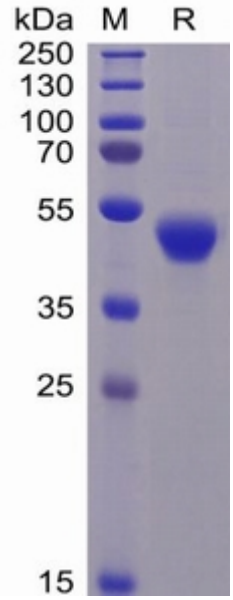

Figure 1. Human CD5 Protein, His Tag on SDS-PAGE under reducing condition.