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32-17083: Recombinant human CD5 protein with C-terminal 6×His tag

Alternative Name: CD5,LEU1

Description

Expression Host: HEK293

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

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.

Product Info

Amount: 50 μg

Purification: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Content: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants

before lyophilization.

Storage condition: Store at -80°C for 12 months (Avoid repeated freezing and thawing)

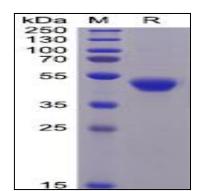


Figure 1. Human CD5 Protein, His Tag on SDS-PAGE under reducing condition.