

Datasheet for ABIN6961156
CD5 Protein (CD5) (AA 25-372) (His tag)



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1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | CD5 |
| Protein Characteristics: | AA 25-372 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CD5 protein is labelled with His tag. |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant human CD5 protein with C-terminal 6xHis tag |
| Specificity: | CD5 (Arg25-Pro372) 6xHis tag |
| Characteristics: | Extracellular Domain Protein |
| Purification: | Purified from cell culture supernatant by affinity chromatography |
| Purity: | The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|--|
| Target: | CD5 |
| Alternative Name: | CD5 (CD5 Products) |
| Background: | This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. |

Target Details

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.

Molecular Weight: predicted molecular mass of 39.5 kDa after removal of the signal peptide.

Gene ID: 921

UniProt: [P06127](#)

Application Details

Restrictions: For Research Use only

Handling

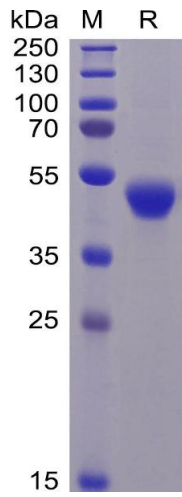
Format: Lyophilized

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

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

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