



[Go to Product page](#)

Datasheet for ABIN7274194

## CD5L Protein (AA 20-347) (His tag)

### 2 Images

#### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg                                      |
| Target:                       | CD5L  |
| Protein Characteristics:      | AA 20-347                                   |
| Origin:                       | Human                                       |
| Source:                       | HEK-293 Cells                               |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This CD5L protein is labelled with His tag. |

#### Product Details

|                  |   |
|------------------|---|
| Purpose:         | Human CD5L Protein  |
| Sequence:        | Ser20-Gly347  |
| Characteristics: | Recombinant Human CD5L Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser20-Gly347. |
| Purity:          | > 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC   |
| Sterility:       | 0.22 µm filtered  |
| Endotoxin Level: | Less than 1EU per µg by the LAL method.   |

#### Target Details

|                   |  |
|-------------------|--|
| Target:           | CD5L                                   |
| Alternative Name: | CD5L ( <a href="#">CD5L Products</a> ) |

## Target Details

**Background:** CD5L, a soluble protein belonging to the SRCR superfamily, is expressed mostly by macrophages in lymphoid and inflamed tissues. The expression of this protein is transcriptionally controlled by LXRs, members of the nuclear receptor family that play major roles in lipid homeostasis. CD5L, its roles at the intersection between lipid homeostasis and immune response, and its potential use as a diagnostic biomarker in a variety of diseases, such as TB and liver cirrhosis.

**Molecular Weight:** 37.2 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.

**UniProt:** [O43866](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

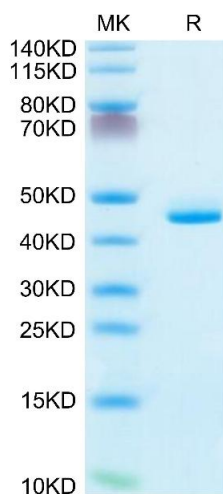
**Buffer:** Supplied as 0.22µm filtered solution in 20 mM PBS, 360 mM NaCl (pH 7.4).

**Storage:** -80 °C

**Storage Comment:** Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

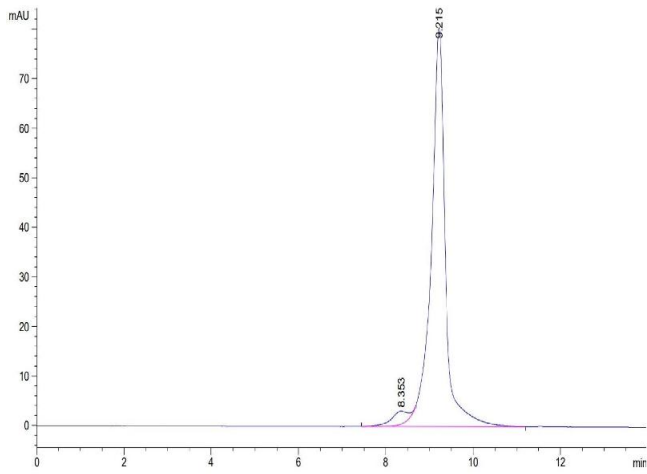
**Expiry Date:** 12 months

## Images



### SDS-PAGE

**Image 1.** Human CD5L on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



### Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human CD5L is greater than 95 % as determined by SEC-HPLC.