

Datasheet for ABIN7274011

CYTL1 Protein (AA 26-139) (Fc Tag)**2** Images[Go to Product page](#)

Overview

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|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | CYTL1 |
| Protein Characteristics: | AA 26-139 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CYTL1 protein is labelled with Fc Tag. |

Product Details

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| Purpose: | Mouse CYTL1/C17 Protein |
| Sequence: | Ala26-Ser139 |
| Characteristics: | Recombinant Mouse CYTL1/C17 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ala26-Ser139. |
| 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

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| Target: | CYTL1 |
| Alternative Name: | CYTL1 (CYTL1 Products) |

Target Details

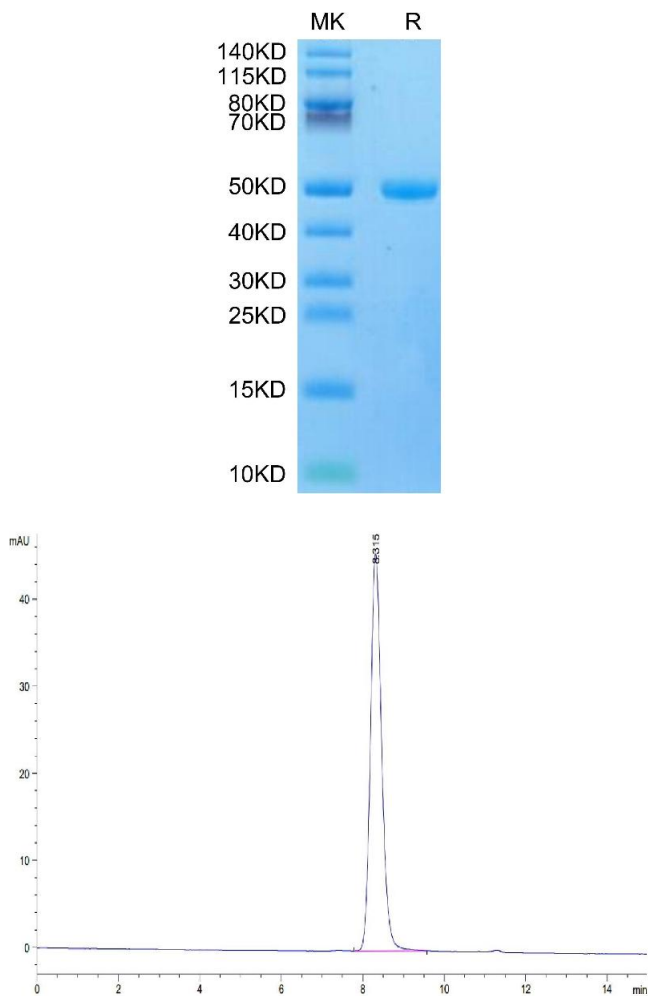
| | |
|-------------------|---|
| Background: | Cytokine-like protein 1 (Cyt11), also named Protein C17 or C4orf4 is located on human chromosome 4p15-p16 and encodes a polypeptide of 126 amino acid residues that displays characteristics of a secretory protein. Cyt11 is expressed by a sub-population of CD34 human mononuclear cells from bone marrow and cord blood, and by chondrocytes (cartilage-forming cells). |
| Molecular Weight: | 42.62 kDa. Due to glycosylation, the protein migrates to 48-51 kDa based on Tris-Bis PAGE result. |
| NCBI Accession: | NP_001074575 |
| Pathways: | Glycosaminoglycan Metabolic Process |

Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Reconstitution: | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water. |
| Buffer: | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| Expiry Date: | 12 months |



SDS-PAGE

Image 1. Mouse CYTL1/C17 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 Mouse CYTL1/C17 is greater than 95 % as determined by SEC-HPLC.