

## CYTL1 Protein, Human (HEK293, Fc)

<b>Cat. No.:</b>	HY-P76300
<b>Synonyms:</b>	Cytokine-like protein 1; Protein C17; C4orf4
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	Q9NRR1 (T23-R136)
<b>Gene ID:</b>	54360
<b>Molecular Weight:</b>	Approximately 43 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>T P P T C Y S R M R    A L S Q E I T R D F    N L L Q V S E P S E    P C V R Y L P R L Y</p> <p>L D I H N Y C V L D    K L R D F V A S P P    C W K V A Q V D S L    K D K A R K L Y T I</p> <p>M N S F C R R D L V    F L L D D C N A L E    Y P I P V T T V L P    D R Q R</p>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	<p>CYTL1 protein exhibits specific expression in CD34+ hematopoietic cells, indicating its selective presence within this subset of cells involved in the regulation of hematopoiesis. This targeted expression pattern suggests a potential role for CYTL1 in the maintenance or differentiation of CD34+ hematopoietic cells, emphasizing its significance within the intricate network of molecular processes governing blood cell development and homeostasis. The specific association of CYTL1 with CD34+ cells implies a potential involvement in hematopoietic stem or progenitor cell functions, further underscoring its relevance in the finely tuned mechanisms of hematopoiesis.</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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