

## CD52 Protein, Human (His)

<b>Cat. No.:</b>	HY-P72123
<b>Synonyms:</b>	Cambridge pathology 1 antigen; CAMPATH 1; CAMPATH 1 antigen; CAMPATH-1 antigen; CD 52; CD52; CD52 antigen; CD52 molecule; CD52_HUMAN; CDw52; CDW52 antigen; Epididymal secretory protein E5; Epididymis secretory sperm binding protein Li 171mP; HE 5; He5; Human epididymis-specific protein 5
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Accession:</b>	P31358 (G25-S36)
<b>Gene ID:</b>	1043
<b>Molecular Weight:</b>	Approximately 17 kDa

### PROPERTIES

<b>AA Sequence</b>	G Q N D T S Q T S S P S
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, 6% Trehalose, 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.
<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>	The CD52 protein is suggested to potentially play a role in carrying and orienting carbohydrates, implicating its involvement in cellular processes related to carbohydrate transport and orientation. Additionally, CD52 may have a more specific role, the details of which require further investigation. The versatility of CD52 in carbohydrate-related functions hints at its potential significance in cellular activities, particularly those associated with carbohydrate dynamics, yet the specific mechanisms and contexts in which it operates remain areas of exploration.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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