

## CD52 Protein, Human (Biotinylated, HEK293, Fc-Avi)

Cat. No.:	HY-P72360
Synonyms:	CAMPATH-1 antigen; CAMPATH-1; CD52 antigen; CD52 molecule; CDw52; Epididymal secretory protein E5; He5; HEL-S-171mP
Species:	Human
Source:	HEK293
Accession:	P31358 (G25-S36)
Gene ID:	1043
Molecular Weight:	38-50 kDa

### PROPERTIES

AA Sequence	G Q N D T S Q T S S P S
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	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).
Storage & Stability	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.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA