CD52 Protein, Human (HEK293, mFc)

Cat. No.:	HY-P78411
Synonyms:	CD52 molecule; CD52; CDW52 antigen (CAMPATH-1 antigen); CDw52; He5; HEL-S-171mP
Species:	Human
Source:	HEK293
Accession:	P31358 (G25-S36)
Gene ID:	1043
Molecular Weight:	38-48 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
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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