

Product datasheet for **TP728013**

CD52 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Biotinylated Human CD52 (C-Fc-Avi)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gly25-Ser36
Tag:	C-Fc-Avi
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Biotinylated Recombinant Human CAMPATH-1 Antigen is produced by our Mammalian expression system and the target gene encoding Gly25-Ser36 is expressed with a Fc, Avi tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	1043
UniProt ID:	P31358
Synonyms:	CAMPATH-1 antigen; CAMPATH-1; CD52 antigen; CD52 molecule; CD52; CDw52; Epididymal secretory protein E5; He5; HEL-S-171mP; Human epididymis-specific protein 5
Summary:	CD52, also known as CAMPATH-1 antigen, HE5, and gp20, is a cell surface glycoprotein that can be targeted to induce immune suppression by complement-mediated cell lysis. CD52 is expressed on lymphocytes, monocytes, monocyte-derived dendritic cells, eosinophils, and neutrophils, as well as on mature spermatozoa and epithelial cells lining the male genital tract. From the clinical point of view this protein is an important target for therapeutic interventions aimed at leukocyte depletion in hematological malignancies and post-transplant immunosuppression. CD52 / CDW52 may play a role in carrying and orienting carbohydrate. It is an unusually good target for complement-mediated cell lysis.
Protein Families:	Transmembrane



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