9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CD52 Human

CD52 Human Recombinant
CDA0088

Product Overview

Name	CD52 Human
Description	
CD52 Human Recombinant	
Accession (Primary)	P31358
Synonyms	
CD52 Molecule, Human Epididymis-Specific Protein 5, CD52 Antigen, Epididymal Secretory Protein E5, Cambridge Pathology 1 Antigen, CDW52, He5, Epididymis Secretory Sperm Binding Protein Li 171mP, CDW52 Antigen, CD52 Antigen, HEL-S-171mP, EDDM5, CDw52, HE5.	
Introduction	
CD52 is a small GPI (glycosylphosphatidylinositol) anchored glycoprotein which is tied to the cell surface with a GPI linkage. CD52 induces immune suppression by complement-meditated cell lysis. Moreover, CD52 is expressed on lymphocytes, eosinophils, monocytes-derived dendritic cells, monocytes, as well as neutrophils, however not on the stem cells from which these lymphocytes were derived. Furthermore, CD52 is a significant goal for therapeutic interventions intended for leukocyte depletion in post-transplant immunosuppression & hematological malignancies.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
CD52 protein solution (0.5mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
GQNDTSQTSS PS LEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ	

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PREPQVYTLP PSRDELTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL HNHYTQKSLS LSPGKHHHHH H.

Precautions

CD52 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P31358)