



Catalog Number: 50721-M02H

General Information

Gene Name Synonym:

AI463198; B7; B7-Ag; CAMPATH-1; CLS1; MB7

Protein Construction:

A DNA sequence encoding the mouse Cd52 (NP_038734.1) (Met1-Lys46) was expressed with the Fc region of human IgG1 at the C-terminus.

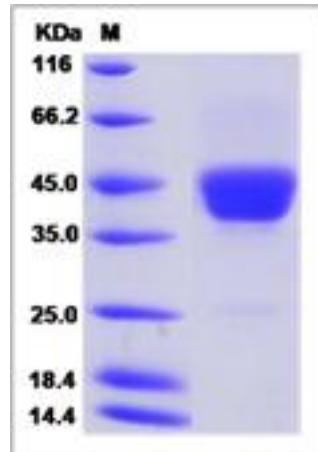
Source: Mouse

Expression Host: HEK293 Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE.

SDS-PAGE:



Protein Description

CD52 / CDW52 is a small glycosylphosphatidylinositol (GPI) anchored glycoprotein. It has a mature peptide comprising only 12 amino acids and is abundantly expressed on human lymphocytes. 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.

References

3. Piccaluga PP, et al. (2007) Expression of CD52 in peripheral T-cell lymphoma. Haematologica. 92(4): 566-7.

Usage Guide

Storage:

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.