

Mouse CD52 Protein

Cat. No. CD5-MM252

Description

Source	Recombinant Mouse CD52 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gly24-Ser47.
Accession	Q64389
Molecular Weight	The protein has a predicted MW of 29.1 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

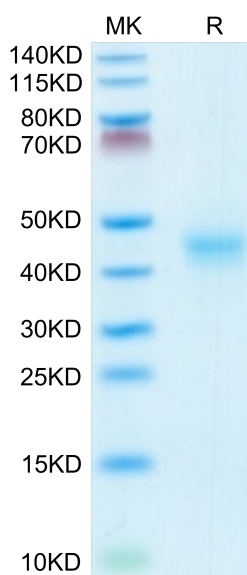
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

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. Mature human CD52 is a 12 amino acid peptide that is tethered to the cell surface with a GPI linkage. CD52 may play a role in carrying and orienting carbohydrate, as well as having a more specific role.

Assay Data

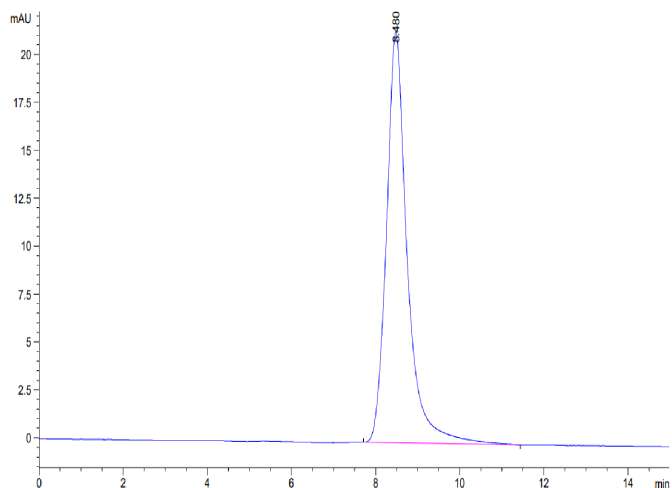
Bis-Tris PAGE



Mouse CD52 on Bis-Tris PAGE under reduced conditions. The purity is greater than 95%.

SEC-HPLC

Assay Data



The purity of Mouse CD52 is greater than 95% as determined by SEC-HPLC.