



## Recombinant Mouse Fc-CD52 Fusion Protein

Cat No: Pr00205

### Product Summary

**Description:** Recombinant mouse Fc-CD52 Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

**Protein:** Mouse CD52

**Fc domain:** Mouse IgG1

**Structure / Form:** Disulfide-linked homodimer

**Species:** Mouse

**Construct Design Note(s):** The extracellular domain of CD52 has been fused to the Fc domain of mouse IgG1.

**Host:** HEK293

**UniProt Accession Number:** Q64389

**Alternative Description:** CAMPATH-1 antigen, Lymphocyte differentiation antigen B7; CD52-Ig; CD52-Fc chimera; CD52 (Fc tag)

**Published Application(s):**

**Tested Applications(s):**

**Activity:** May play a role in carrying and orienting carbohydrate, as well as having a more specific role [Uniprot].

### Product Form

**Purification:** IMAC purified

**Supplied in:** 0.1 mg size: PBS with preservative (0.02% Proclin 300), 1 mg size: PBS only.

**Endotoxin:** <1.0 EU/mg

**Shipping:** The product is shipped on blue ice. Upon receipt, store it immediately at the temperature recommended.

**Storage Recommendation:** Store at 4°C for up to 1 month. For longer term storage aliquot in small volumes and store at -20°C. Avoid repeated freeze-thaw cycles.

**SDS PAGE Purity:** >95%, as determined by SDS-PAGE and visualized by Coomassie Brilliant Blue.

**Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals**

Cat No: Pr00205

Recombinant Mouse CD52 Fc-Fusion Protein

**Fc-Fusion Sequence (monomer)**

HHHHHHVPRDCGCKPCICTVPEVSSVFIFPPKPKDVLMSLTPKVTCVVVDISKDDPEVQFSWFVDDVEVHTAQT  
KPRE EQINSTFRSVSELPILHQDWLNGKEFKCRVNSAAFPAPIEKTISKTKGRPKAPQVYTIPPPKEQMAKDKVSLTCMITNFF  
PEDITVEWQWNGQPAENYKNTQPIMDTDGSYFVYSKLVNQKSNWEAGNTFTCSVLHEGLNHHHTEKSLSHSPGAGG  
GGSGGGGSEPRGPTIKPCPPCKCPAPNLLGGPSVFIFPPKIKDVLMSLSPIVTCVVVDVSEDDPDVQISWVNNNEVH  
TAQTQTHREDYNSTLRVVSALPIQHQDWMSGKEFKCKVNNKDLPAPIERTISKPKGSVRAPQVYVLPPEEEMTKKQV  
TLTCMVTDMPEDIYVEWTNNGKTELNYKNTEPVLDSYFMYSKLRVEKKNWVERNSYSCSVVHEGLNHHHTTKS  
FSRTPGGQADTSQTSSPSAD

Underlined amino acids sequence include a G4S linker and 6xHis epitope tag, respectively.

**Calculated Molecular weight (dimer):** 27573 Da

**Extinction coefficient:** 32955 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).

**Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals**