Cat No: Pr00205

Recombinant Mouse CD52 Fc-Fusion Protein

**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)

**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.

**Sequence:**

EPRGPTIKPCPPCKCPAPDLLGGSVIFFPKIKDVLMLISLPIVTGVVVDSEDQPDQVQISWFVNNVE
VHTAQTQHREDYNSLRLVVSALPIQHQDWSMGKEFKCKVNNKLDPAPIERTISKPGSRAPQVYV
LPPPEEMTKKQVTLCTMVTDFMPEDIYVEWTNNGKTELNYKNTEPVLDSDYSFYMYSKLRVEKKN
WVERNSYCSVVHEGLHNHHTKSFSRTPGQADTSQTSSPSAD

**Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals**
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**Calculated Molecular weight (dimer):** 27573 Da

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

**SDS-PAGE gel image:**

Pr00205 under non-reducing and reducing (DTT) conditions resolved by SDS-PAGE and stained using Coomassie-Blue (representative image).

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