



Recombinant Mouse CD52-Fc Fusion Protein

Cat No: Pr00206

Product Summary

Description: Recombinant mouse CD52-Fc 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, CDw52, Cambridge pathology 1 antigen, Epididymal secretory protein E5, Human epididymis-specific protein 5, He5; 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

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Recombinant Mouse CD52 Fc-Fusion Protein

Fc-Fusion Sequence (monomer)

QTSSPSADEPRGPTIKPCPPCKCPAPNLLGGPSVFIFPPKIKDVLMSLSPIVTCVVVDVSEDDPDVQISWVFNNEVHT
AQTQTHREDYNSTLRVVSALPIQHQDWMSGKEFKCKVNNKDLPAPIERTISKPKGSRAPQVYVLPPEEEMTKKQVT
LTCMVTDFMPEDIYVEWTNNGKTELNYKNTEPVLDSGYSYFMYSKLRVEKKNWVERNSYSCSVHEGLHNHHTTKSF
SRTPGGGGSVPRDQGCKPCICTVPEVSSVFIFPPKPKDVLITLTPKVTCVVVDISKDDPEVQFSWFVDDVEVHTAQT
KPREEQINSTFRSVSELPIMHQDWLNGKEFKCRVNSAAFPAIEKTISKTKGRPAPQVYVLPPEEEMTKKQVT
TNFFPEDITVEWQWNGQPAENYKNTQPIMDTDGSYFVYKLNQKSNWEAGNTFTCSVLHEGLHNHHTTKSLSHSP
GKHHHHHH

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

Calculated Molecular weight (dimer): 27013 Da

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

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