



Product Datasheet

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Recombinant Mouse IgG2A-Fc domain

Cat No: Pr00102-2.5

Product Summary

Description: Recombinant mouse Immunoglobulin gamma-2A heavy chain constant region (IgG2A-Fc), manufactured using [AbAb's Recombinant Platform](#)

Protein: Mouse IgG2A-Fc domain

Structure / Form: Disulfide-linked homodimer

Species: Mouse

Construct: Mouse IgG2A-Fc domain (E98-K330)

Host: HEK293

UniProt Accession Number: P01863

Design Comment: no modifications; numbering of the amino acid sequence in accordance with the UniProt numbering scheme (uniprot.org)

Alternative Description: Fc region of mouse immunoglobulin G2A; IgG2A Fc Protein; IgG2A-Fc protein; mouse Immunoglobulin gamma-2A heavy chain constant region; mouse IgG2A-Fc control protein

Application Code(s): Recommended as: a control for Mouse chimeric IgG2A Fc-Fusion protein activity assay; an immunogen to generate antibodies against the Mouse IgG2A-Fc domain or other Mouse IgG2A-Fc domain applications. Polyvalent IgG2a-Fc Region is suggested to represent a potential anti-inflammatory drug for treatment of autoimmune diseases.

Product Form

Purification: Protein A affinity purified

Supplied in: PBS with preservative (0.02% Proclin 300)

Endotoxin: <1.0 EU/mg as determined by the LAL method.

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 3 month. For longer term storage aliquot in small volumes and store at -20°C. Avoid repeated freeze-thaw cycles.

SDS PAGE Purity: >98%, as determined by SDS-PAGE and visualised 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

Fc-Fusion Sequence (monomer)

EPRGPTIKPCPPCKCPAPNLLGGPSVFIFPPKIKDVLMI^SLSP^IVT^CVVVDVSEDDPDVQISW^FVNNVEVHTAQTQTHRE
DYNSTLRVVSALPIQH^DWMSGKEFKCKVNNKDL^PAPIERTISKPKGSVRAPQVYVLPPEEEMTKKQVTLTCMV^TDF
MPEDIYVEWTNNGKTELNYKNTEPVLDSDGSYFMYSKLRVEKKNWVERNSYSCSVVHEGLHNHHTTKSFSRTPGK

Calculated Molecular Weight (dimer): 52.8 kDa (apparent Molecular Weight may differ due to glycosylation).

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