



Product Datasheet

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Recombinant mouse IL2 Fc-Fusion Protein

Cat No: Pr00109-1.9

Product Summary

Description: Recombinant mouse IL2 Fc-Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

Protein: Mouse IL2

Fc domain: Mouse IgG1

Structure / Form: Disulfide-linked homodimer

Species: Mouse

Construct Design Note(s): IL2 has been fused to the Fc domain of mouse IgG1.

Host: HEK293

UniProt Accession Number: P04351

Alternative Description: IL-2, T-cell growth factor, TCGF

Activity: IL2 is produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. It can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.

Product Form

Purification: IMAC purified

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

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.

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)

APTSSSTSSSTAEAQQQQQQQQQQQHLEQLLMDLQELLSRMENYRNLKLPRMLTFKFYLPKQATELKDLQCLEDEL
GPLRHVLDLTQSKSFQLEDAENFISNIRVTVVKLKGSNTFECQFDDESATVVDFLRRWIAFCQSIISTSPQGGGGGSP
RDCGCKPCICTVPEVSSVFIFPPKPKDVLMSLTPKVTCVVVDISKDDPEVQFSWFVDDVEVHTAQTTPREEQINSTFR
SVSELPILHQDWLNGKEFKCRVNSAAFPAPIEKTISKTKGRPKAPQVYTIPPPKEQMAKDKVSLTCMITNFFPEDITVEW
QWNGQPAENYKNTQPIMDTDGSYFVYSKLVQKSNWEAGNTFTCSVLHEGLHNHHTKSLSHSPGAHHHHHH

Calculated Molecular weight (dimer): 87893.1 Da

Extinction coefficient: 85530 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).

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