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Recombinant Mouse Lag3 Fc-Fusion Protein

Cat No: Pr00162-1.9

Product Summary

Description: Recombinant mouse Lag3 Fc-Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

Protein: Mouse Lag3

Fc domain: Mouse IgG1

Structure / Form: Disulfide-linked homodimer

Species: Mouse

Construct Design Note(s): The extracellular domain of Lag3 has been fused to the Fc domain of mouse IgG1.

Host: HEK293

UniProt Accession Number: Q61790

Alternative Description: Lymphocyte activation gene 3 protein; LAG-3; CD223; Lag3-Ig; Lag3-Fc chimera; Lag3 (Fc tag)

Published Application(s):

Tested Applications(s):

Activity: Involved in lymphocyte activation. Binds to HLA class-II antigens (By similarity) [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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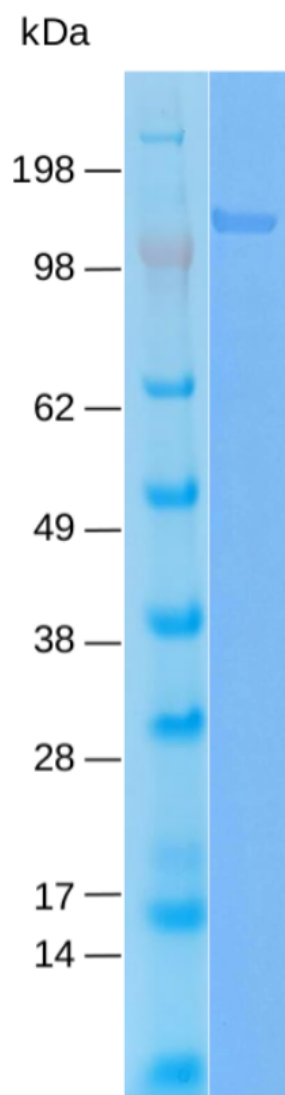
Fc-Fusion Sequence (monomer)

SGPGKELPVVWAQEGAPVHLPCSLKSPNLDPNFLRRGGVIWQHQPDSGQPTPIPALDLHQGMPSRQPAPGRYTVLS
VAPGGLRSGRQPLPHVQLEERGLQRGDFSLWLRPALRTDAGEYHATVRLPNRALSCSLRRLRVGQASMIASPSGVLKLS
DWVLLNCSFSRPDRPVSVHWFQGNRVPVYNSPRHFLAETFLLLPQVSPLDSTWGCVLTYRDGFNVSITYNLKVLGL
EPVAPLTVYAAEGSRVELPCHLPPGVGTPSLLIAKWTPPGGGPELPVAGKSGNFTLHLEAVGLAQAGTYTCSIHLQGGQL
NATVTLAVITVTPKSFGLPGSRGKLLCEVTPASGKERFVWRPLNLSRSCPGPVLEIQEARLLAERWQCQLYEGQRLLGA
TVYAAESSSGAHSARRISGDLKGGHGGGGSVPRDQGCKPCICTVPEVSSVFIFPPKPKDVLITLTPKVTCVVDISKDD
PEVQFSWFVDDDEVHTAQTKPREEQINSTFRSVSELPIMHQDWLNGKEFKCRVNSAAFPAPIEKTISKTKGRPAPQV
YTIPPPKEQMAKDKVSLTCMITNFFPEDITVEWQWNGQPAENYKNTQPIMDTDGSYFVYSKLNQKSNWEAGNTFTC
SVLHEGLHNNHTEKSLSHSPGKHHHHHH

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

Calculated Molecular weight (dimer): 143858 Da

Extinction coefficient: 195290 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).



Lag3 (Pr00162-1.9) SDS-PAGE. Pr00162-1.9 under non-reducing conditions resolved by SDS-PAGE and stained using Coomassie-Blue.

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