



Recombinant Human CD69 Fc-Fusion Protein

Cat No: Pr00186-10.28

Product Summary

Description: Recombinant human CD69 Fc-Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

Protein: Human CD69

Fc domain: Human IgG1

Structure / Form: Disulfide-linked homodimer

Species: Human

Construct Design Note(s): The extracellular domain of CD69 has been fused to the Fc domain of human IgG1.

Host: HEK293

UniProt Accession Number: Q07108

Alternative Description: Early activation antigen CD69, Activation inducer molecule, AIM, BL-AC/P26, C-type lectin domain family 2 member C, EA1, Early T-cell activation antigen p60, GP32/28, Leukocyte surface antigen Leu-23, MLR-3, CD69; CD69-Ig; CD69-Fc chimera; CD69 (Fc tag)

Published Application(s):

Tested Applications(s):

Activity: Involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets [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

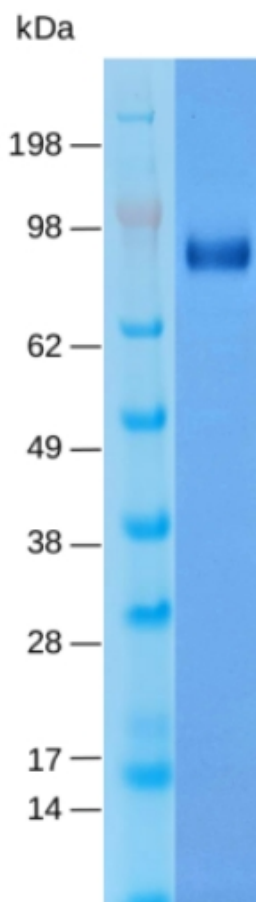
Fc-Fusion Sequence (monomer)

HHHHHHEPKSQDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHN
AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSL
TCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLS
LSPGGGGGSGGGGSSVGQYNCPGQYTFSMPSDSHVSSCEDWVG YQRKCYFISTVKRSWTS AQNACSEHGATLAV
IDSEKDMNFLKRYAGREEHWVGLKKEPGHPWKWSNGKEFNNWFNVTGSDKCVFLKNTEVSSMECEKNLYWICNKPY
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Underlined amino acids sequence include a G4S linker and 6xHis epitope tag, respectively.

Calculated Molecular weight (dimer): 86796 Da

Extinction coefficient: 170630 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).



CD69 (Pr00186-10.28) SDS-PAGE. Pr00186-10.28 under non-reducing conditions resolved by SDS-PAGE and stained using Coomassie-Blue.

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