



### 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**

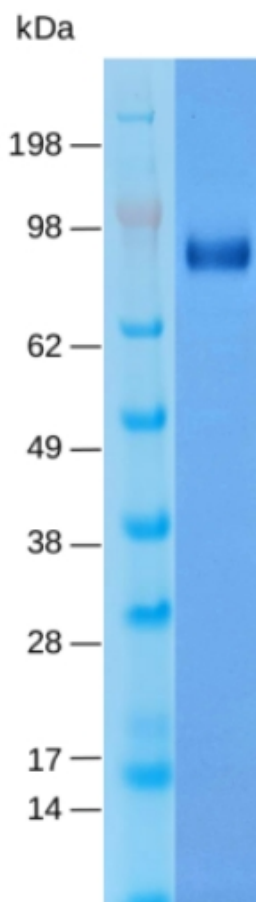
**Fc-Fusion Sequence (monomer)**

**HHHHHH**EPKSQDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHN  
AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSL  
TCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLS  
LSPGGGGGSGGGGSSVGQYNC PGQYTFSMPSD SHVSSCEDWVG YQRKCYFISTVKRSWTS AQNACSEHGATLAV  
IDSEKDMNFLKRYAGREEHWVGLKKEPGHPWKWSNGKEFNNWFNVTGSDKCVFLKNTEVSSMECEKNLYWICNKPY  
K

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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