



Recombinant Human CD226 Fc-Fusion Protein

Cat No: Pr00123-10.9

Product Summary

Description: Recombinant human CD226 Fc-Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

Protein: Human CD226

Fc domain: Human IgG1

Structure / Form: Disulfide-linked homodimer

Species: Human

Construct Design Note(s): The extracellular domain of CD226 has been fused to the Fc domain of human IgG1.

Host: HEK293

UniProt Accession Number: Q15762

Alternative Description: CD226 antigen, DNAX accessory molecule 1, DNAM-1; CD226-Ig; CD226-Fc chimera; CD226 (Fc tag)

Published Application(s):

Tested Applications(s):

Activity: Involved in intercellular adhesion, lymphocyte signaling, cytotoxicity and lymphokine secretion mediated by cytotoxic T-lymphocyte (CTL) and NK cell [PMID:8673704]. Cell surface receptor for NECTIN2. Upon ligand binding, stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG. Competes with PVRIG for NECTIN2-binding [PMID:26755705] [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

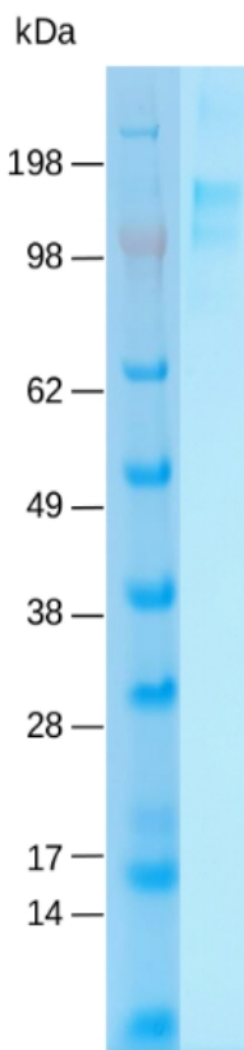
Fc-Fusion Sequence (monomer)

EEVLWHTSVPF AENMSLECVYPSMGILTQVEWFKIGTQQDSIAIFSPHGMVIRKPYAERVYFLNSTMASNNMTLFFRN
ASEDDVGYYSCLYTYPQGTWQKVIQVVQSDSFEAAVPSNSHIVSEPGKNVTLTCQPQMTWPVQAVRWEKIQPRQID
LLTYCNLVHGRNFTSKFPRQIVSNCSHGRWSVIVIPDVTVSDSGLYRCYLQASAGENETFVMRLTVAEGKTDNQYTLFV
AGGGGGGSEPKSQDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEV
HNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQ
VSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQK
SLSLSPGHHHHHH

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

Calculated Molecular weight (dimer): 108094 Da

Extinction coefficient: 171400 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).



CD226 (Pr00123-10.9) SDS-PAGE. Pr00123-10.9 under non-reducing conditions resolved by SDS-PAGE and stained using Coomassie-Blue.

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