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Recombinant Mouse CD96 Fc-Fusion Protein

Cat No: Pr00230-1.9

Product Summary

Description: Recombinant mouse CD96 Fc-Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

Protein: Mouse CD96

Fc domain: Mouse IgG1

Structure / Form: Disulfide-linked homodimer

Species: Mouse

Construct Design Note(s): The extracellular domain of CD96 has been fused to the Fc domain of mouse IgG1.

Host: HEK293

UniProt Accession Number: Q3U0X8

Alternative Description: T-cell surface protein tactile; Cell surface antigen CD96; T cell-activated increased late expression protein; CD96; CD96-Ig; CD96-Fc chimera; CD96 (Fc tag)

Published Application(s):

Tested Applications(s):

Activity: May be involved in adhesive interactions of activated T and NK cells during the late phase of the immune response. Promotes NK cell-target adhesion by interacting with PVR present on target cells. May function at a time after T and NK cells have penetrated the endothelium using integrins and selectins, when they are actively engaging diseased cells and moving within areas of inflammation (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

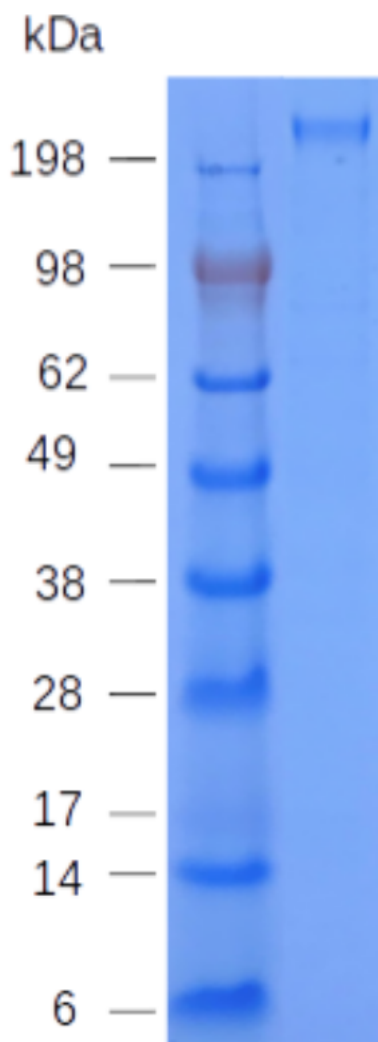
Fc-Fusion Sequence (monomer)

WEELFNVGDDVYALPGSDINLTCQTKEKNFLVQMOWSKVTDKNDMIALYHPQYGLYCGQEHAACESQVAATETEKGV
NWTLYLRNISSALGGKYECIFTLYPEGIKTTVYNLIVEPYTQDEHNYTIEIETNRTLEIPCFQNTSSEIPRFTFSWLVEKDG
EEVLFTHHHHVNNSTSFKGRIRLGGDYRLHLSPVQIQDDGRTFSCHLTVNPLKAWKMSTTVKVFAPKPEILMTVENSTMD
VLGERVFTCLLKNVFPKANITWFDGRFLQGNEEGIYITNEEKNCSSGFWELKSVLTRMHSGPSQSNNMTAWCMALSPG
PRNKMWNTSSQPITVSFDSVIAPT KHLPTVTGSTLGTQPFSDAGVSPTGYLATPSVTIVDENG LTPDATPQTSNSSMTTK
DGNYLEASSGTDAKNSSRAAASSKSGSWPFPFTSPPEWHSLPGTSTGPQEPDSPVSWIPSEVHTSAPLDASLAPHDTII
STTTEFPNVLTTANGTTKIDHGPITSIIVNQPSDGMGGGGSVPRDQGCKPCICTVPEVSSVFIFPPKPKDVLITLTPKVTC
VVVDISKDDPEVQFSWFVDDVEVHTAQTKPREEQINSTFRSVSELPIMHQDWLNGKEFKCRVNSAAFPAPIEKTISKTK
GRPKAPQVYTIPPPKEQMAKDKVSLTCMITNFFPEDITVWQWNGQPAENYKNTQPIMD TDGSYFVYSKLNQKSNW
EAGNTFTCSVLHEGLHNHHTKSLSHSPGKHHHHHH

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

Calculated Molecular weight (dimer): 167463 Da

Extinction coefficient: 243190 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).



CD96 (Pr00230-1.9) SDS-PAGE. Pr00230-1.9 under non-reducing conditions resolved by SDS-PAGE and stained using Coomassie-Blue.

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