



Recombinant Human FCRL6 Fc-Fusion Protein

Cat No: Pr00245-10.9

Product Summary

Description: Recombinant human FCRL6 Fc-Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

Protein: Human FCRL6

Fc domain: Human IgG1

Structure / Form: Disulfide-linked homodimer

Species: Human

Construct Design Note(s): The extracellular domain of FCRL6 has been fused to the Fc domain of human IgG1.

Host: HEK293

UniProt Accession Number: Q6DN72

Alternative Description: Fc receptor-like protein 6, FcR-like protein 6, FcRL6, Fc receptor homolog 6, FcRH6, IFGP6; FCRL6-Ig; FCRL6-Fc chimera; FCRL6 (Fc tag)

Published Application(s):

Tested Applications(s):

Activity: Acts as a MHC class II receptor [PMID:20519654]. When stimulated on its own, does not play a role in cytokine production or the release of cytotoxic granules by NK cells and cytotoxic CD8+ T cells [PMID:17213291, PMID:18991291]. Does not act as an Fc receptor [PMID:18991291] [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)

LYLQAWPNPVFEGDALTLRCQGWNTPLSQVKFYRDGKFLHFSKENQTL SMGAATVQSRGQYSCSGQVMYIPQTFT
QTSETAMVQVQELFPPPVL SAIPSPEPREGSLVTLRCQTKLHPLRSALRLLFSFHKDGHTLQDRGPHPELCIPGAKEGD
SGLYWCEVAPEGGQVQKQSPQLEVRVQAPVSRPVTLHHGPADPAVGDMVQLLCEAQRGSPPILYSFYLDEKIVGNH
SAPCGGTT SLLFPVKSEQDAGNYSCEAENS VSRERSEPKKLSLKGSQVLFTPASNW GGGGSEPKSQDKTHTCPPCP
APELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTV
LHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQP
ENNYKTTTPVLDS DGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPG HHHHHH

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

Calculated Molecular weight (dimer): 118289.46 Da

Extinction coefficient: 140760 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).

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