FAM3C
Recombinant Human FAM3C / ILEI (Fc Tag)

Catalog No.	CRH728A-Fc CRH728B-Fc	**Quantity:**	50 µg 100 µg

Alternate Names: Protein FAM3C, Interleukin-like EMT inducer

Description: FAM3C, also known as ILEI, is a member of the FAM3 family. It is present in most secretory epithelia. FAM3C may be involved in retinal laminar formation. It promotes epithelial to mesenchymal transition. A change in expression of FAM3C has been noted in pancreatic cancer-derived cells. ILEI is overexpressed and/or altered in intracellular localization in multiple human tumors, an event strongly correlated to invasion/EMT, metastasis formation, and survival in human colon and breast cancer.

UniProt ID: Q92520

Protein Construction: A DNA sequence encoding the human FAM3C (Met1-Asp227) was expressed with the Fc region of human IgG1 at the C-terminus.

Source: HEK293 Cells

Formulation: Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Molecular Weight: The rhFAM3C/Fc is a disulfide-linked homodimer. The reduced monomer consists of 444 aa with a predicted MW of 49.2 kDa and migrates at ~53 kDa and ~35 kDa in SDS-PAGE under reducing conditions.

Purity: > 90 % as determined by SDS-PAGE.

Endotoxin Level: < 1.0 EU per µg protein as determined by the LAL method.

Biological Activity: Testing in progress

Predicted N-terminal: Gln 25

Reconstitution: **Centrifuge vial prior to opening.** Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial.
DO NOT VORTEX. Allow several minutes for complete reconstitution.

Storage & Stability: Stable for up to 1 year from date of receipt at -20°C to -80°C
After reconstitution, store working aliquots at -20°C to -80°C.
Avoid repeated freeze-thaw cycles.

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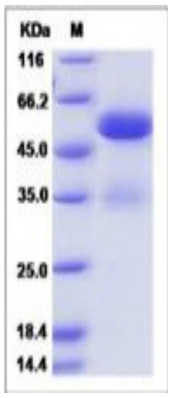
SDS-PAGE



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