

Active Recombinant Human IL1F5 protein

Cat. No. IL1F5-316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL1F5 protein(Q9UBH0)(Met1-Asp155) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Asp155
Form	Lyophilized from sterile PBSPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to inhibit IL36α-induced IL8 secretion in A431 human epithelial carcinoma cells. The ED50 for this effect is typically 0.1-0.4μg/mL in the presence of 20ng/mL IL36α.
Molecular Mass	The recombinant human IL1F5 consists of 156 amino acids and predicts a molecular mass of 17.1 KDa. It migrates as an approximately 18 KDa band in SDS-PAGE under reducing conditions.
Purity	> 99 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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