

**HUMAN IL-1F10 PROTEIN****Cat.#:** 12029**Product Name:** Human IL-1F10 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** Interleukin-1 Family Member 10;IL-1F10;FIL1 Theta;Interleukin-1 HY2;IL-1HY2;Interleukin-1 Theta;IL-1 Theta;IL1F10;FILIT;IL1HY2**Target:** IL-1F10**UNIPROT ID:** AAI03967.1**Description:** Recombinant Human Interleukin-1 Family Member 10 is produced by our E.coli expression system and the target gene encoding Met1-Trp152 is expressed.**Background:** Human Interleukin 1 Family Member 10 (IL-1F10) is thought to participate in a network of Interleukin 1 cytokine family members to regulate adapted and innate immune responses. IL-1F10 was expressed in fetal skin, spleen and tonsil, mostly in the basal epithelia of skin and in proliferating B-cells of the tonsil. IL-1F10 binds soluble IL-1 receptor type 1 and may be implicated in regulating adapted and innate immune responses. Two alternatively spliced transcript variants encoding the same protein have been reported.**Species/Host:** E.coli**Molecular Weight:** 16.9 KDa**Molecular Characterization:** Not available**Purity:** Greater than 95% as determined by reducing SDS-PAGE.**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

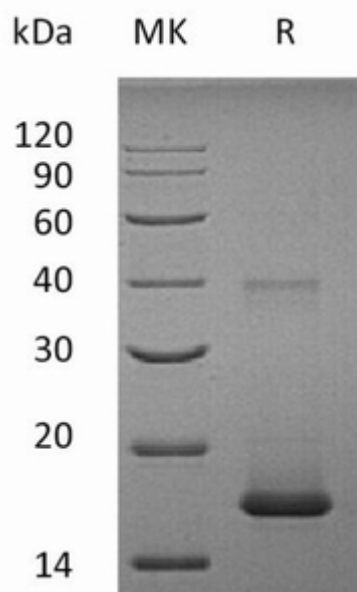


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.