

IL1F10 Human

Description: IL1F10 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 152 amino acids and having a molecular mass of 17kDa. The IL1F10 is purified by proprietary chromatographic techniques.

Catalog #: CYPs-019

For research use only.

Synonyms: Interleukin-1 family member 10, IL-1F10, FIL1 theta, Interleukin-1 HY2, IL-1HY2, Interleukin-1 theta, IL-1 theta, IL1F10, FIL1T, IL1HY2, FKSG75, MGC119831, MGC119832, MGC119833, FIL1-theta.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Amino Acid Sequence: The sequence of the first five N-terminal amino acids was determined and was found to be Met-Cys-Ser-Leu-Pro.

Purity: Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Formulation:

IL1F10 was lyophilized after extensive dialysis against 20mM Phosphate buffer, pH7.4.

Stability:

Lyophilized IL1F10 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL1F10 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to quick spin followed by reconstitution of IL1F10 in PBS to a concentration no less than 100

Introduction:

Human interleukin family 1, member 10 (IL1F10) belongs to the interleukin 1 cytokine family. IL1F10 is expressed in the fetal skin, spleen and tonsil, generally in the basal epithelia of skin and in proliferating B-cells of the tonsil. IL1F10 binds soluble IL1 receptor type 1 and may be implicated in the regulation of adapted and innate immune responses.

Biological Activity:

As measured by its binding ability in a functional ELISA, immobilized IL1F10 at 1

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