

IL1F10, 1-152aa, Human, E.coli

Cat.NO.: TP02624

3th Edition

Synonyms: Interleukin-1 family member 10, FIL1-theta, FKSG75, IL1HY2, IL-38, IL1-theta, IL1HY2

Description: IL1F10 also known as interleukin-1 family member 10. IL1F10 is cytokine with immunomodulatory activity. Alone, does not induce cytokine production, but reduces IL22 and IL17A production by T-cells in response to heat-killed *Candida albicans*. It reduces IL36G-induced production of IL8 by peripheral blood mononuclear cells. It increases IL6 production by dendritic cells stimulated by bacterial lipopolysaccharides (LPS) and ligand for IL-36R/IL1RL2. Recombinant human IL1F10 was expressed in *E.coli* and purified by using conventional chromatography techniques

Form: Liquid. In Phosphate buffered saline (pH7.4)

Molecular Weight: 16.9kDa (152aa) confirmed by MALDI-TOF

Sequences:

MCSLPMARYYIIKYADQKALYTRDGQLLVGDPVADNCCAEEKICTLPNRGLDRTKVPIFLGIQGGSRCLACVETEEGP
SLQLEDVNIEELYKGGEEATRFTFFQSSSGSAFRLEAAAWPGWFLCGPAEPQQPVQLTKESEPSARTKFYFEQSW

Purity: > 95% by HPLC

Concentration: 1mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.