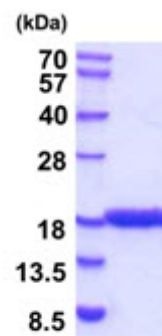


AR51864PU-N

Human IL1F10 / FIL1T (1-152,) - Purified

Alternate names:	FKSG75, IL-1F10, IL1HY2, Interleukin-1 HY2, Interleukin-1 family member 10, Interleukin-1 receptor antagonist-like FIL1 theta
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	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 <i>Candida albicans</i> . 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 <i>E. coli</i> and purified by using conventional chromatography techniques
Uniprot ID:	Q8WWZ1
NCBI:	NP_115945
GenelD:	84639
Species:	Human
Source:	<i>E. coli</i>
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: Phosphate buffered saline (pH7.4).
Description:	AA Sequence: MCSLPMARYY IIKYADQKAL YTRDGQLLVG DPVADNCCAE KICTLPNRGL DRTKVPIFLG IQGGSRLCLAC VETEEGPSLQ LEDVNIEELY KGGEEATRFT FFQSSSGSAF RLEAAWPGW FLCGPAEPQQ PVQLTKESEP SARTKFYFEQ SW Molecular weight: 16.9 kDa (152aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Bensen J.T., et al. (2001) J. Interferon Cytokine Res. 21:899-904. van de Veerdonk F.L., et al. (2012) Proc. Natl. Acad. Sci. u.S.A. 109:3001-3005.

Pictures:



15% SDS-PAGE (3ug)