



Recombinant Protein Technical Manual

Recombinant Human IL1F10/IL-38 Protein

RPES1868

Product Data:

Product SKU: RPES1868

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q8WWZ1

Protein Information:

Molecular Mass: 16.9 kDa

AP Molecular Mass: 17 kDa

Tag:

Bio-activity:

Purity: > 95% as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 6.0.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Interleukin Family Member 10; ILF10; FIL1 Theta; Interleukin HY2; ILHY2; Interleukin Theta; IL Theta; IL1F10; FIL1T; IL1HY2; IL-38

Immunogen Information:

Sequence: Met1-Trp152

Background:

Human Interleukin 1 Family Member 10 (ILF10) is thought to participate in a network of Interleukin 1 cytokine family members to regulate adapted and innate immune responses. ILF10 was expressed in fetal skin, spleen and tonsil, mostly in the basal epithelia of skin and in proliferating B-cells of the tonsil. ILF10 binds soluble IL 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.